EPA Registration Jacket 8536-41 Vol. 1

EPA REG. NO.

Date of Application	ACTION	RECORD NO-/ REF- NO-	EVENT	RESPONSE DATE	RESPONSE CODE
11-16-95	160	503953		5-2#-96	13
6/17/96	161	507929	Response to 5/	1)20/91	18
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Please read instructions on reverse before co.	maletina form.	Form Approved	OMB No. 2070-0060.	Approvel expires 05-3 t-98
SEPA Environme	United States ntal Protection Age //sshington, DC 20460		Registration Amendment	OPP Identifier Number 254807
	Application for	Pesticide - Section	<u> </u>	
1. Company/Product Number 8536-41	7 - 1	2. EPA Product Manager George T. La	Rocca	posed Classification
4. Company/Product (Name) Card-O-Vap 8		PM# 13	LX	None Restricted
5. Name and Address of Applicant (Include Z. Soil Chemicals Corpora Cardinal Professional P. O. Box 782 Hollister, CA 95024-07 Check if this is a new address	Products 82	6. Expedited Review (b)(i), my product Is sir to: EPA Reg. No	nilar or identical in cor	mposition and labeling
	Sec	tion - II		
Amendment - Explein below. Resubmission in response to Agency i Notification - Explein below.	iotter dated	X Final printed lebender Agency letter de "Me Too" Applie	cetion.	gust 17, 2004
		tion - III	graphic programmer and the grant of	warre or the state of the second of the seco
1. Material This Product Will Be Packaged In:		uon - III		
Child-Resistant Packaging Yes* Yes X No Certification must De submitted Child-Resistant Packaging Yes X No If "Yes" Unit Packaging	Water X No. per II *Ye	Soluble Packeging Yes No No No. per ge wgt container	2. Type of Container X Metal Plastic Glace Paper Other IS	pecify)
3. Location of Nat Contents Information Label X Container	4. Sizeisi Retail Conta 1, 2-½, 5, 3	iner 5.1 0, 55-gal.	acetion of Label Direction On Label On Label	
6. Manner in Which Lebei is Affixed to Produ	ct Lithograph Poper glued Stenciled	Other _		
	Sec	tion - IV		
1. Contact Point (Complete items directly be	low for identification of indi-	idual to be contacted, if ne	cessary, to process this	epplication.)
Name Mardel Rose Belotinsky	Title Regul	atory Affairs	Telephon Specialist (No. ilnclude Area Codei 31. 637-1992
i certify that the statements i have made a scknowledge that eny knowlingly false beth under applicable law. 2. Signature Washul Rose &	or misleading statement m		imprisonment of	6. Date Application . இதேived . (Stamped)
4. Typod Name Mardel Rose Belotinsky	ე 5. Oate	ry 4, 2005		••••

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to everage 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Brench, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460.

INSTRUCTIONS: This form is to be used for all applications for new registration, and use reregistration, emendment, resubmission, to applications for netifications, final printed lobeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

- 1. Certification with Respect to Citation of Data (EPA Form 8570-29). (If not exempted by 40 CFR 152.81 |b) (4));
- 2. Confidential Statement of Formula (EPA Form 8570-4);
- 3. Formulator's Exemption Statement (EPA Form 8570-27);
- 4. Five copies of draft labeling;
- 5. Three copies of any dete submitted;
- 6. Authorization letter where applicable;
- 7. Metricos where applicable.

Submission of Labeling - Labeling should first be submitted in the form of droft labels with all applications for new registration. Such droft labels may be in the form of typed label text on 8.5×11 inch paper for submission or a mackup of the proposed label. If propered for mackup, it should be constructed in a way as to facilitate storage in an 8.5×11 inch file. Mackup labels significantly smaller than 8.5×11 inches should be mounted on 8.5×11 inch paper for submission.

Submission of Data - Date submitted in support of this application must be submitted in accordence with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration octions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended reregistration actions, resubmissions, notifications, reregistrations, otc., Sections I, II, and IV must be completed by the applicant.

Block A - Check the appropriate action for which you are submitting this form.

SECTION 1 - This section must be completed, as applicable, for all registration actions.

- 1. Compony/Product Number Insort your Compony Number, if one has been essigned by EPA. This number may have been essigned to you as a basic registrent, a distributor, or as an establishment. If your product is registered, insort the Product Number.
- 2. EPA Product Monager If known, fill in the name and PM number of the EPA Product Monager.
- 3. Proposed Classification Specify the proposed classification of this product.
- 4. Product Namo Enter the complete product name of this posticide as it will appear on the lobal. The name must be specific to this product only. Ouplication of names is not permitted among products of the same company. On not include only brand name or company line designations.
- 5. Name and Address of Applicant The name of the firm or person and address shown in your application is the person or firm to whem the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration motters. An applicant not residing in the United States must have an authorized agant residing in the United States to act for them in all registration motters. The name and complate mailing address of such an agent must accompany this application.
- 6. Expedited Review FIFRA section 3 (c) 3 (8) provides for expedited review of applications for registrations, or amendments to existing registrations, that are similar or identical to other posticide products that ore currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical in your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to emend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter. for notifications to the Agency, for the submission of final printed labeling, for recognistration and for any other action that portains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. Subject of submission - Chock the applicable block and provide the Agency letter date if oppropriets. Provide a brief explanation of the purposets for the submission, such as "the addition of a site, past or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general labol revision of use directions." Attach a separate page if additional space is needed.

SECTION III (Packagins and Container Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

- 1. Type of Packoging Onock the appropriate block if your product will be packaged in the indicated packaging types, indicate the size of the individual packats and number per rotal container.
- 2. Type of Retail Container Indicate type of contoiner in which product will be morketed.
- 3. Location of Ner Doppents Indicate the locotion of the net contents information for your product.
- 4. Sizeisi of Retail Container Spacify the not contents of all rotal containers for your product.
- 5. Location of Use Directions Indicate the location of the use directions for your product.
- 6. Monner in which label is affixed to product Indicated the method product label is attached to retail container.

SECTION IV (Contact Point) - This Socian must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-secy" reregistration, etc.

- 1-5. Self-explonatory. ...
- 6. EPA Use Only. **



177 - 129 cent In Accordance Silv PR Matica Crest Cribation Principles

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER

FATAL IF SWALLOWED, INHALEO OR ABSORBEO THROUGH THE SKIN OR EYES, RAPIDLY ABSORBED THROUGH THE SKIN, REPEATED INHALATION OR SKIN CONTACT MAY, WITHOUT SYMPTOMS, PROGRESSIVELY INCREASE SUSCEPTIBILITY TO DICHLORVOS (DDVP) POISONING, DO NOT SWALLOW OR GET IN EYES, ON SKIN OR ON CLOTHING, DO NOT BREATHE VAPORS, DO NOT CONTAMINATE FOOD OR FEED PRODUCTS.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more entions follow the instructions of category "C" on an EPA chemical resistance category selection chart in the Worker Protection Standard

- Applicators and other Handlers Limit Wear
- Coverage over long-sleeved shirt and long pants
- Chemical-resistant gloves such as Barrier Laminate. Butyl Rubber. Nurve Rubber, Necorene Rubber, Polyanyl Chloride or Viton
- Chemical resistant footwaar plus socks
- Protoctive avewear
- Chemical resistant headgear for everhead exposure
- Chemical resistant earth required for mixing/beding and cleaning
- Respirator with either an organic vapor removing OV cartridge with a prefitter approved for pesticides (MSHANNOSH approved number prefix TX-23C) or a cenister approved for pesticides (MSHANIOSH approval number TC-140)
- Y Discard cipthing and other absorbent materials that have been dranched or heavily contaminated with this product's concentrate: do not reems known.
- Follow manufacturor's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use delergont and hot
- Keep and wash PPE separately from other bundry.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of equipment weshwaters. Apply this product only as specified on this label.

PHYSICALICHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame. Do not apply this product in or on electrical equipment due to the possibility of marted sevels

STATEMENT OF WARRANTY AND LIABILITY

Solor warrens final five product complete with the recordations expressed in this ledel. Soliler makes no other warppantes: and disclams all other WARRANTES, EXPRESS OR MIPLIED, MICLIERNO BUT NOT LIMITED TO WARRANTIES OF MERCHANTABRITY AND FITNESS FOR THE INTENDED PURPOSE: Select liability for default, breach or failure brider the label shall be firsted to the amount of the purchase price. Seller shall have no butility for consequential damages.

CARD-O-VAP 8

FOR SALE TO, USE AND STORAGE BY COMMERCIAL AND INDUSTRIAL APPLICATORS ONLY NOT FOR USE OR STORAGE IN OR AROUND THE HOME

FOR USE IN WAREHOUSES, SILOS, BULK EINS AND FOOD/FEED PROCESSING, FOOD/FEED HANUFACTURING. HANDLING AND STORAGE PLANTS CONTAINING NON-PERISHABLE PACKAGED OR BAGGED RAW OR PROCESSED FOOD/FEED COMMODITIES OR BULK RAW OR PROCESSED FOOD COMMODITIES. AND IN THE NONFOOD/FETD AREAS OF FOOD/FEED HANDLING ESTABLISHMENTS

APTILE MEDITORITO.

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* Equivalent la I% Vapona Insocticida **Containa Petroleum Distillates

KEEP OUT OF REACH OF CHILDREN

DANGER



PELIGRO

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- Do not induce vorniong unless told to do so by a poison control center or doctor
 Do not give any liquid to the person.
- Do not give anything by mouth to an unconscious person.
- f Directed: Move porton to hour air.
 - If person is not breathing, call \$11 or an ambulance, then give artificial respiration, professibly by mouth to-MOUSTL'É DOSSING.
 - Cuit a poison cortici center or poctor for further treatment advice

IF CM SWM Take of conteminated chiting Reas skin immediately with planty of mater for 15-20 minutes. OR CLOTHING:

- N Call a poison cortes center or doctor by beatment advice.
- Haid tope types and since stoudy and gently with water for 15-20 minutes. IF IN EYES:
 - Remove contact lenses, if present, after the first 5 minutes, then continue ringing eye.
 Cost a posson control content of coctor for treatment advice.
- Hote: Have the product container or label with you when calling a policon control contact or doctor, or going for treatment

NDTE TO PHYSICIAN

Symptoms & TREATMENT

- 8 Symptoms tribude interinses, headache, bijhinose in chest, blumod vision, nonreactive per-point pupils, palveron, propiling, neutral, viciniting, claimes and abdominal cramps.
- Anaphre is this appecific therapinate antispositis of choices against personance connect attraction. If there are along the presymptometry stimulation, Ampaire Sudale should be injected at 10-minute internal, in closes of 1 to 2 miligrams until completed Anaphilication has occurred. 2 PAM is also antisticted and many closes of 1 to 2 miligrams. administered in conjunction with Atropine. Morphine is contraindicated. Clear them by postural distrage Observe patient continuously for 48 hours. Peopleted explaine to cholorosterase inhibitors may without warring, cause proteinged automobility to very small dougs of any confusionistics exhibitor. More not higher exposure until time for cholorosterate exhibitors requirestant has been blowed as determined by blood tool.

CARDINAL PROFESSIONAL PRODUCTS . P. O. Box 782 . Hollister . CA 95024-0782 EPA Reg. No. 8526-41 FRA Fel ARREST LAN

DIRECTIONS FOR USE

IT IS A YXX.ATION OF FEDERAL LAW TO USE TIES PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

FOR USE IN COMMERCIAL APPLICATION EQUIPMENT:

CONVENTIONAL OR ULV FOGGING EQUIPMENT

For control of Insects such as: Indian Meal Moth, Red Flour Beatle, Confused Flour Beatle, Saw-toothed Grain Bootle, Monthant Grain Bootle, Cigarette Bootle, Drugstore Bootle, and Granary Westell.

- The form "non-periodable" means any row or projected tooking on subject to repid decay or deterioration that would render a uniful
- Raw commodities would include: Animal teel, code beans, olded beans, grain crops, persents, soybeans and not crops. Raw commodities of one fincheder: aggs, milk, meal poultry, tab, flooris full and vagetables. Processed food/flood mould include: floor, supart, contact, pockaged proofs and cractures.
- Processed load/feed date not include: harmoscopy seared loads or manufactured dairy products and other processed load/feed
- requiring theoring of retrigeration.

 Notice Used in Appalland processing, foodfood manufacturing, handling and alorage areas:
- Apply only during times when plant is not in operation and no boodfood products are exposed. If \$60, impackaged toodfood \$19 exposed, remove or cover before treatment begins.
- All knowledge processing surfaces should be covered during treatment or thoroughly cleaned before using

NOTE-USE IS PROMISITED IN:

- The following food/leed manufacturing establishments: botting plants finduding wineries, braveles, soft divina), hosen food
- the discharge peak plants and the cream plants, excluding non-those manifestationing areas).

 The following peak plants and the cream plants, excluding non-those manifestationing areas).

 The following local plants and the cream plants, excluding non-those manifestations are sufficiently as the control of the cream plants. (Excluding a color large plants are color large plants and color plants are colored plants are colored plants.)

 [Section Large parts of the colored plants are colored plants are colored plants are colored plants.]
- excluding non-food processing areas"). Federally Inspected Most and Poultry Plants.
- Then-FoodFeed Processing Areas include areas such as garbage rooms, isvalories, foor drains (to sever source sources and restitutes), offices, tocker rooms, machine rooms, boiler rooms, garages, mup closets and storage (after canning or bottling). DRUM HANDLING

tipride carefully to prevent damage and teatage. Open drund only when set on end and under a verifiated hood of when wearing an approved respirator and exprespirate protective clubing. Open burgs sizely to release pressure.

APPLICATION

- The use of application should be 1 to 2 grams of actual Vapora per 1,000 cubic feet or 1/2 to 1 ea. of legist per 1,000 cubic feet. Check amount in interdicide lack or examine that before and other treatment to assure proper distinge has been applied. Keep a minimum of a 7-day internal behavior applications except or oppose brants and now furnished of promoting where their experiences are not empadd 0.5 grams A.1, per 1,000 (typic feet of Fracespace). De ros make applications when temperatures are below 60 despetus F.
- As treatments should be made during the hours when buildings are unoccupied. Buildings treated should be crosted and vertilester is part at a minimum during application. Los all influencias and do not attor unproducted vinders to writer buildings during treatment. Place WARRING application is an extension state of the Brothands and do not attor unproducted vinders to writer buildings during treatment. Place WARRING application is a extension state of the BROTHO DE PRODUCT BE EXTENSION. PROPERTY OF UNPRODUCT BE EXTENSION WITHOUT PRESCRIPT, PROTECTION EDURATION. FOR STATE OF THE STATE CONCENTRATION OF DIS PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT PERSONAL PROTECTION EQUIPMENT: DO NOT ENTER PROTECTION EQUIPMENT UNLESS AIR CONCENTRATIONS OF DOVP ARE SON OF THE PEL OR LEGS."
- Contacting, the building cannot be recritically without propriet projection for 24 hours, unless the OOVP air concentration is 0.61 pcm or less. WARNING again should read: "THIS BUILDING SHOULD BE OFFICED AT A PEOP PRIOR TO PREDITTY OF UNIFORM THIS DISTRIBUTION."

 WORKERS, THIS BUILDING MUST NOT BE ENTERED WITHOUT PERSONAL PROTECTION EDUTINGSTIFF FOR 24 HOURS: OR. UNITE A DIRECT INDICATING SHORT TERM CONCENTRATION MONITORING DEVICE INDICATES THAT THE DOVP AIR CONCENTRATION IS EQUAL TO, OR LESS THAN 8 51 PPM. AN AIR CONCENTRATION OF 891 PPM OF LESS IS RECURRED FRENCH WITHOUT PERSONAL PROTECTION EQUIPMENT DO NOT ENTER PRICE TO _______AN OR PAIGN (BUMPHOUT PERSONAL PROTECTION ENDINEET WALESS AIR CONCENTRATIONS OF DODY PAGE TO BELOW 641 PPM.

STORAGE AND DISPOSAL

Do not contaminate water, food or lead by storage or disposal.

STORAGE: Store product in original container in a cook, dry, booked place out of much of children.

PESTICIOE DISPOSAL: Periciae wastes are activity hazandous. Improper disposat of excess positiode, spray mixture, or missile is a violation of Federal land. If these wastes cannot be disposed in by use according to label transcribena, contact your State Pecialds of Embourgerial Control Agency, of the Hazardous Waste representative at the reserval EPA Peological Office for guidance. CONTAINER DISPOSAL. Metal: Triple ende (or equivalent). Then offer for recycling or reconducting, or puncture and dispose of in a survivaly bundlet, or by other procedures approved by state and local survivales. Plastic, Triple fines (or equivalent). Then offer for recycling or reconditioning, or principle and dispose of in a sentiary tandful or incineration, or if allowed by State and Ibout purpositives, by burning. If burned, stay out of smake.

MP # 24795-V

PROTECTING THE FOODS THAT FEED THE NATION



PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER

FATAL IF SWALLDWED, INHALED OR ABSDREED THROUGH THE SKIN OR EYES. RAPIOLY ABSORBED THROUGH THE SKIN. REPEATED INHALATION OR SKIN CONTACT MAY, WITHOUT SYMPTOMS, PROGRESSIVELY INCREASE SUSCEPTIBILITY TO DICHLORVOS (DOVP) POSSONING DO NOT SWALLOW OR GET IN EYES, ON SKIN OR ON CLOTHING, DO NOT BREATHE VAPORS, DO NOT CONTAMINATE FOOD OR FEED PRODUCTS.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options follow the instructions of category "C" on an EPA chemical resistance category selection chart in the Worker Protection Standard.

- Asylicators and other Handlers Must Water
- Coveralls over long-sleeved shirt and long pants
- Chemical resistant gloves such as Barrier Laminate, Butyl Rubber, Ninia Rubber, Neoprene Pubber, Polyvinyl Chlorida or Viton
- Chemical-resistant footwaar plus socks
- Protective eveweer
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron required for mixing/loading and cleaning DOWNSON!
- Respirator with either an organic vapor removing OV cartridge with is prefilter approved for posticides (MSHANNOSH approved number prefix TX-23C) or a canister approved for posticides (MSHA/MIOSH approval number TC-14G)
- Discard cisthing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. do not neuron blaco.
- Follow menutacturer's instructions for cleaning/maintening PPE 11 there are no such instructions for washables, use detergent and hat
- Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

This product is toxic to lists, birds, and other wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. Apply this product only as specified on this labor.

PHYSICAL/CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open Fisme. Do not acply this product in or on electrical equipment due to the possibility of shock harsed.

STATEMENT OF WARRANTY AND LIABILITY

Soler warments that this product complete with the appendications expressed in the labor. SELLER MAKES NO OTHER WARFABITIES: AND DISCLARES ALL OTHER WARPANTIES, EXPRESS OR MIPLIED, INCLUDING BUT NOT LIMITED TO NARRANTIES OF MERCHANTABILITY AND FITNESS FOR THE INTENDED PURPOSE. Serior's knowly for default, breach or takers under this tabel shall be immaded to the amount of the southeast price. Select shall have to tablity for corpequerale damages.

CARD-O-VAP 8

FOR SALE TO, USE AND STORAGE BY COMMERCIAL AND INDUSTRIAL APPLICATORS ONLY NOT FOR USE OR STORAGE IN DR AROUND THE HOME

FOR USE IN WAREHOUSES, SHOS, BULK BINS AND FOOD/FEED PROCESSING, FOOD/FEED MANUFACTURING, HANDLING AND STORAGE PLANTS CONTAINING HON-FERSIVARLE PACKAGED OR BAGGED RAW ON PROCESSED. FOOD, TEED COMMODITIES OR BULK RAW OR PROCESSED FOOD COMMODITIES. AND IN THE HONFOOD/FEED AREAS OF FOOD/FEED HANDLING ESTABLISHMENTS

ACTIVE MADDEMENTS.

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Equivalent to 8% Vapona insections "Contains Petroleum Distillates

KEEP OUT OF REACH OF CHILDREN

DANGER



PELIGRO

IF SWALLOWED:	■ Immediately call a polson control center or doctor. 2019;23(2):22(2):
New York Control	■ Do not induce versions uniters told to do so by a power control center or decor.
3723333333333333	Do not give any Equal to the person.
470000000000000000000000000000000000000	M The make which any delicar has more of the new transported by the state of

- BOHALED: M. Mora person in fresh bir
 - W person is not breathing, call 911 or an arrowance, then give anticial respiration, preferably by mouth-tomouth, if possible.
 - Call a polson control cester or doctor for further treatment advice

W CM SEM ■ Take off contaminated clothing. or Clonius: ■ Filmse skin immediately with planty of water for 15-20 minutes. # Call a polene control center or doctor for beatment advice.

- Hold and open and rings slowly and gardly with water for 1.5-79 minutes. F M EYES:
- - Permove contact inners, if present, after the first 5 minutes, then continue drawing eye.
 Call a poison control center or doctor for instalment advice.

Hote: Have the product container or label with you when calling a poleon control center or doctor, or going for treatment

NOTE TO PHYSICIAN

SYMPTOMS & TREATMENT

- Symphoms include weakness, insedective, ligitareas in chers, bisured vision, non-reactive per-point pupils, eativation, investing, nauces, verniting, Clarities and ebdominist charges.
- Apopine is the specific therepexise antagonist of choice against parasympathetic nervous stimulation. there are plans of percompulated: administral, Alegare Suitable should be imported at 10 minute internals, in doses of 1 to 2 milliograms until complete Atrophication has occurred. 2 PASA is also entitled and may be initiated in conjunction with Atrophra. Morphina is contraindicated. Clear check by postural drainage. Observe patient continuously for 48 hours. Repeated exposure to cholinosterate tribulates may, without warning, causia peculinged exaceptibility is very small droses of any cholinosterate enhibler. Allow no further exposure until time for cholinosterate representation has been addressed to decremined by blood tool.

CARDINAL PROFESSIONAL PRODUCTS . P. O. Box 782 . Hollister . CA 95024-0782 EPA Reg. No. 8526-41 EPA Est. 48498-CA-61

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEORGE. LAW TO USE THIS PRODUCT IN A MARINER INCONSISTENT WITH ITS LABELEIG.

FOR USE IN COMMERCIAL APPLICATION EQUIPMENT:

CONVENTIONAL OR ULV FOGGING EQUIPMENT

For control of Insects such as: Indian Meet Moth, Red Flour Beetle, Confused Flour Beetle, Saw-toothed Grain Beetle, Merchant Crain Beetle, Cigarette Beetle, Drugstore Beetle, and Grenery Weevil.

- The form "non-periobable" means any taw or processed look/sed not subject to rapid decay or deterioration that would render it will for consumption.
- Raw correspondition would include: Aramel food, coops beans, cloud beans, grain prope, peanuts, stylesens and nut prope.
- Raise commodition are included, eggs, rait, most pouliny titls, tresh thate and vegestries.

 Processed fooddfood most included, flour, supply, coreast, podusiged goods and standard.

 Processed fooddfood does not included informatically added boods or manifestuated glassy products and other processed toodstood. rectains treasure or refregration.
- When, used in incident processors, insolved mentionations, harding and absence areas.

 Apply only during times when plant is not in operation and no localited products are exposed. If their, unpackaged haddled are exposed, remove or cover boths treatment begins.
 All traditions processing surfaces should be covered during treatment or thomography cises and below using.

NOTE-USE IS PROHIBITED IN:

- The following foundless menutacturing establishments: bottling plants (robusing systems, browness, soit draws), frozen facto lead forcholing plants plants and on cream plants, excluding non-lead manufacturing aceas).

 The following boodified processing establishments: meat, pooling and seedood titung/facting acidior packing plants (notucing establishments: meat, pooling boodified bits pooling plants) processing establishments and olds, frozen local feed plants (including and and vegetables), doing product plants (including milk processing plants). excluding non-food processing areas*L
- Federally Inspected Mest and Poultry Plants.

'Aon-Food-Food Processing Areas Inchese areas such as garbage rooms, lavatories, floor drains (to server entries and venitivales), offices, locker rooms, machine rooms, boller rooms, garages, mop closets and storage (after coming or bottling); DRUM HANDLING

Handle carefully to prevent damage and leakage. Open drums only when set on end and under a ventilated bood or when wearing an approved respective and appropriate protective coloring. Open burgs stocky to reduce proposes.

APPLICATION:

- The rate of application should be 1 to 2 grams of actual Vapona per 1,000 cubic test of 1/2 to 1 ca. of liquid per 1,000 cubic test.
 Check product in indecicide land or applied, knot better and after treatment to become proper designs has been applied. Knop a minimum et ä. 7 day intornat behindrin lappitosions except on copias belans and few (Lincheded) pesmilar rehers disty appiloations da sot
- nomentum is a configuration decreased proposal and appropriate app FOR 24 HOURS: CRUINTIL A BRECT INDICATING SHORT TERM CONCENTRATION MONITORING DEVICE (6.2 in Dright Tube) INDICATES THAT THE DOVE ARE ON DESIGNATION OF USE FOR OR DESIGNATION OF USE FOR OR DESIGNATION OF USE FOR OR DEVELOPMENT. DO CONCENTRATION OF USE FOR OR DEVELOPMENT. DO AM OR PH ON IOMS) WITHOUT PERSONAL PROTECTION EQUIPMENT UNLESS AIR
- G 665. WARRING 500 BOOM 6055 THIS BUILDING SHOULD BE OPENED AND ARRED PRICE TO REENTRY OF UPPROTECTED.
 WHILE A DIRECT INDICATING SHORT TERM CONCENTRATION BOTH DRIVER BUILDING MUST NOT TERM CONCENTRATION BOTH DRIVER BUILDING MUST NOT THAT THE DOVP ARE CONCENTRATION IS EQUIL TO, OR LESS THAN BUT PPIN AN AIR CONCENTRATION OF 8.61 PPIN OR LESS IS RECURED FOR ENTRY WITHOUT PERSONAL PROTECTION ECAPTAENT, DO NOT ENTER PRIOR TO __AN OR PAYON (DIE) WITHOUT PERSONAL PROTECTION ECAPTAENT LALESS AR CONCENTRATIONS OF DOVP ARE AT OR BELOW G.D. PPAY:

STORAGE AND DISPOSAL

Do not contaminate water tood or keed by storage or disposed.

STORAGE: Store product in prignal portainer in a good, dry, locked place out of reach of children.

PESTICIDE DISPOSAL Pessoide wastes are acutely basedous. Improper disposal of sixeus pessoide, spray misture, or finance is a Violation of Federal little. If these violates cannot be disposed of the Usa according to total instructions, contact your State Pessoides or Environmental Control Agongs or the Massadous Waste representatives the acres EEA Regional Office for guidance. CONTAINER DISPOSAL. Metal: Trols intel (or equivalent). Then other for requiring or reconditioning, or purcture and agreement of the providing properties and separate in a sensitive lends, or by other procedures approved by state and boot accretioner. Plastic: Trols rinse (or equivalent). Then other for reconditioning; of puncture and dispose of in a sensitive lends of the providioning; of puncture and dispose of in a sensitive lends or requirement, or it allowed by State and local accretions, by burning. It is punctured, stary out of smoke.

MP # 24795-V

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

August 17, 2004

Mardel Rose Belotinsky, Regulatory Affairs Specialist Cardinal Professional Products P.O. Box 782 8770 Highway 25 Hollister, CA 95024-0782

Subject:

Amendment (Revise Re-entry Statement for use in California)

Response to Agency's Request of April 12, 2004

EPA Reg. No. 8536-40 (Card-O-Vap 5) EPA Reg. No. 8536-41 (Card-O-Vap 8)

Your Submission Dated April 14, 2003 and April 15, 2004

Dear Ms. Belotinsky:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. A stamped copy of the accepted label is enclosed for your records.

If you have any questions concerning this action, please contact Dr. B. A. Akinlosotu of my team at (703) 605-0653.

Sincerely,

George T. LaRocca, Product Manager 13

Insecticide Branch

Registration Division (7505C)

Enclosure: Stamped copy of label.

copy: Ann Prichard,

Pesticide Registration Division

Department of Pesticide Regulation

P.O. Box 4015

Sacramento, CA 95812-4015

baa:8536-40 & 41: 08-t2-04

	CONCURRENC	ES	
5YMBOL 7505C			
SURHAME Attub 50 tu			
DATE \$ 81704			
EPA Form 1320-1A (1/90)	Printed on Recycles	l Paper	OFFICIAL FILE COPY
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MAZANALLEDAL

4-22-03



CARDINAL

PROFESSIONAL PRODUCTS

HOLLISTER, CA 95024-0782 (831) 637-1992 - TEL. (831) 637-0273 - FAX

April 15, 2004

Mr. George LaRocca, PM # 13 Office of Pesticide Programs (7504C) U. S. Environmental Protection Agency 1200 Pennsylvania Avenue, N.W. Washington, DC 20460

Subject: Amendment-Re-entry Statement (California)

Card-O-Vap 5, EPA Reg. No. 8536-40 Card-O-Vap 8, EPA Reg. No. 8536-41

Dear Mr. LaRocca:

As per our telephone conversation of April 12, 2004, I am re-sending the labels and CSF's for the subject products. I have corrected the nominal concentrations of DDVP in the formulations to reflect the nominal concentration of active ingredient in the technical product of requested, I also added the word "combustible" to the "Physical/Chemical Hazards" section of the labels.

If you have any further concerns, please do not hesitate to contact me at (831) 637-1992. Thank you.

Sincerely,
Model Rose Bloss

Regulatory Affairs Specialist

mrb

Enclosures

Copy: Ed Hosoda Tom Duafala

PRECAUTIONARY STATEMENTS NAZARDS TO HUMANS AND DOMESTIC ANIMALS:

DANGER

FATAL :F SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN OR EYES, RAPIOLY ABSORBED THROUGH THE SKIN, REPEATED INHALATION OR SKIN CONTACT MAY, WITHOUT SYMPTOMS, PROGRESSIVELY INCREASE SUSCEPTIBILITY TO OICHLORYOS (ODVP) POISONING DO NOT SWALLOW OR GET IN EYES, ON SKIN OR ON CLOTHING, DO NOT BREATHE VAPORS, DO NOT CONTAMINATE FOOD OR FEED PRODUCTS.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options lollow the instructions of category "C" on en EPA chemical resistance category selection chart in the Vlorker Protection Standard

- Applicators and other Handlers Must Wear:
- Coverals over long-sleeved shirt and long pantt
- Chemical-resistant gloves such as Barrier Laminato, Butyl Rubber, Nutrie Rubber, Neoprene Rubber, Polyvinyl Chloride or Viton
- Chemical-resistant footwear plus socks
- Protective eveness
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron required for mixing floading and cleaning
- Respirator with either an organic vapor removing OV cartridge with a prefilter approved for posticides (MSHA/NIOSN approved number prefix TX-23C| or a canisler approved for pesticides (MSHA/ROSH approval number TC-15Gt
- Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. do not reuse them.
- √ Follow manufacturer's instructions for cleaning/maintaining PPE III. there are no such instructions for washables, use detergent and hot water
- Keep and wash PPE separately from other laundry. **ENV:RONMENTAL HAZARDS**

This product it tack to fish, birds, and other wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of equipment washwalers. Apply this product only os specified on this tabel

PHYSICAL/CHEMICAL HAZARDS

Combustible Od not use or store near heat of open flame. Do not apply this product in or on electrical equipment due to the possibility of shock hazard.

STATEMENT OF WARRANTY AND LIABILITY

Select warrants that this product complies with the specifications expressed in this label. SELLER MAKES NO OTHER WARRANTIES: AND DISCLAIMS ALL OTHER INARRANTIES. EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR THE IIITITIES PURPOSE. Seller's habitary for default, breach or failure under this label that be similed to the amount of the purchase price. Setter shall have no liability for consequental damages.

CARD-O-VAP 5

FOR SALE TO, USE AND STORAGE BY COMMERCIAL AND INDUSTRIAL APPLICATORS OFLY HOT FOR USE OR STORAGE IN OR AROUND THE HOME

FOR UTE IN WARTHOUSES, SILOS, BULK BINS AND FOOD/FEED PROCEISING, FOOD/FEED MANUFACTURING, HANDLING AND STORAGE FLANTS CONTAINING NON-PERISTRABLE, PACKAGTO OR BACCTO RAW OR PROCESSED FOOD/FETO COMMODITIES OR BURK RAW OR PROCESSED FOOD COMMODITIES, AND IN THE HONFOOD/FLED AREAS OF FOOD/FELD MANDLING ESTABLISHMENTS

ACTIVE IN	(GREOIENTS:	
	2.2-dichlorovinyl dimethyl phosphale (Dichloryos, DDVP)	*4 95
	Related Compounds	0.12
OTHER IN	IGREOIENTS": -	<u> 95 003</u>
TOTAL		100 001
	hysfent to 5% Vapon I Insecticide	
"Cor	azint Petrofeum Distillates	

KEEP OUT OF REACH OF CHILDREN

DANGER

STMPTOMS 4

TREATMENT



PELIGRO

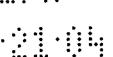
	FIRST AID
if Smallowed:	Intereduability call a poison control center or doctor Do not induce womaking unless told failed sailby a poison control center or doctor Do not give any liquid to the person Do not give any liquid to the person Do not give any liquid by mouth to an unconscious person
if inkaled:	Move person to fresh ar. If person is not breating, call 911 or an ambidance, then give artificial raspiration, preferably by mouth-to-mouth, it possible Call a person control center or doctor for humber treasment advice.
IF ON SXIN OR CLOTHING:	Take of contaminated stocking. Ringe plan immediately with planty of water for 15-20 minutes. Call a prosin control center or dozlo for treatment advice.
IF IN ETES:	Hold eye open and pase stowly and gently with water for 15-20 mmutes. Remove contact tendes, if present, after the first 5 mmutes, then continue noting eye. Call a preson control center or doctor for testement advise.
Note: Have)he s	 Cast a posteri central center or doctor for treatment advice. reducil container or label with you when casting a poison control center or Ooctor, or going for treatment.

NOTE TO PHYSICIAN

_	A control of construct bondaries between a sheet bloom union and develop not provide tracks
•	Symptoms include weakness, headache, byhtness in chest, blured milion, non-reactive pur-point pupils,
	guivation, sweating, nausea, varning, drantins and abdomnal dramps.
	Apophie is the specific therapeusic antagonist of choice against parasympathetic nervous standation. II
	there are signs of parasympathetic stimulation, Atropina Sulfate should be injected at 10-minute intervals, in
	godes of 1 to 2 minorans until complete Atrophication has occurred. 2-PAM is also arobotal and may be
	administered in corporation with Altopine. Morphine is contraindicated. Clear chest by postural drainage.

D-B Observe pasent continuously for 38 hours. Repeated exposure to choknesterate inhibitors may, without warning, cause prolonged susceptibility to very small dozen of any challestierosa inhibitor. Allow no further exposure until time for chalmesterage apparenation has been played as determined by blood list.

CARDINAL PROFESSIONAL PRODUCTS . P. O. Box 782 . Hollister . CA 95024-0782 EPAESI, 48096-CA-01 Hel Contents EPA Rag. No. 4736-49



DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MAINNER INCONSISTENT WITH ITS LABELING.

FOR USE IN COMMERCIAL APPLICATION EQUIPMENT: CONVENTIONAL OR ULY FOGGING EQUIPMENT

For control of insects such as: Indian Meal Moth, Red Flour Beetle, Confused Flour Beetle, Saw-toothed Grain Baetle, Merchant Grain Beetle, Cigarette Beetle, Drugstore Beetle, and Granary Weard.

- The term "non-perlutable" means any raw or processed food teed not subject to rapid decay or detendration was would render 4 until for consumption
- Raw commodities would include: Animal leed, cocca beans, died frears, gray crops, peanuts, raybeans and nut orga-
- Raw commodities do not include: eggs, milt, meat, poutry, lish, frash fruits and vegetables.
 Processed foodsteed would include: flour, sugar, ceresis, packaged grads and cracters.
- Processed food/feed does not include: hermitically sealed loods or manufactured dairy products and other processed ROMINGS requiring treeping or refingeration
- When used to feed/feed processing, feed/feed manufasturing, handling and atorage areas:
 Apply only during times when plant is not in operation and no loodsted products are exposed. If but, unpackaged feed/feed are exposed, remove or cover before treatment begins.
- All food feed-processing surfaces should be covered during treatment or thoroughly desired before using.

NOTE-USE IS PROHIBITED IN:

- The following food/less manufacturing establishments: botting plants fooduding whereas, breweness, soft denies, from food/ leed (noticing press plants and ice deam plants, excluding non-food manufacturing bleas).
- The following tood feed processing establishments: most, pourty and scalad slaughtening antion packing prants (mounts) ecible (2% and onsit, frozen topolised plants (including litter and vegetables), dairy product plants (including milk processing plants). excluding non-food processing areas")
- Federally inspected Meal and Poultry Plants.

·Non-Tood:Feed Processing Areae include areas such as garbage rooms, favalories, floor drains) in Gewer entries and vestificient, effices, focker rooms, macking rooms, boller rooms, garages, mop closets and alorage (after carming or bollling).

DRUM HANDLING

Handle Carefully to prevent damage and leakage. Open drams only when sollen end and under a veniciated hood or when wearing an approved respirator and appropriate protective dotting. Open bungs stookly to release pressure.

APPLICATION

- The rate of application should be 1 to 2 grains of actual Vispona per 1,000 cubic feet or 3/4 to 1-1/2 oz. of liquid per 1,000 cubic feet. Check amount in insection of taxistic or quantity tank before and other featment to assure proper dozage has been applicable feep a minimum of 6 T-day intends between applicablens except on coopsi beans and raw jurishinted peanuts where daily applicablens except on coopsi beans and raw jurishinted peanuts where daily applicablens except on coopsi beans and raw jurishinted peanuts where daily applicablens except on coopsi exceed 0.5 grams A I, per 1,000 custo leet of headspace. Do not make applications when temporatures are below 60 degrees F
- All reparteds should be made during the hours when buildings are unoccupied. Buildings trailed should be disced and verification. Jest at a minimum during application, I double entrances and as not allow unprotected workers to enter buildings during treatment. Place WARNING signs at a enhances stating. This BUNDING SHOULD BE OPENED AID AIRED PRIOR TO RECHTER OF UNPROTECTED WORKERS. THIS BUNDING MUST NOT SEE SHERED WITHOUT PERSONAL PROTECTION TO UNPRICE TO RECEIVE AND AIRED PRIOR TO MEETING SHOULD AIR ADDRESS TO MEETING SHOULD AIR ADDRESS OR UNITS. ADDRESS TWO MOCKETTERM CONCENTRATION LOWITHORNING DEVICE [1.9.3 DASSET TOOLS TO AIR ADDRESS OR UNITS. ADDRESS TWO MEETING SHOULD AIR ADDRESS AND AIR ADDRESS OR UNITS. ADDRESS AND AIR ADDRESS OR UNITS. ADDRESS AND AIR SYDICATES THAT THE DOVP AIR CONCENTRATION IS FOUND. TO, OR LESS THAN, 50% OF THE PEL 19 (FORM): AMARE CONCENTRATION OF 3 OF PPM OR LESS IS REQUIREDT OR CHIRRY WITHOUT PERSONAL PROTECTION EQUIPMENT. OD HOT ENTER PRING TO. AN OR FM ON (DISH) WITHOUT PERSONAL PROTECTION E QUIPMENT UTILESS AIR CONCENTRATIONS OF DOWN ARE 50% OF THE PEL OR LESS."
- In Castoma, the building cannot be rentated without proposed protection for 23 hours, unless the DDMP air concentration in 0.01 pcm or less. WARRING upon should read: "THIS BUILDING SHOULD BE OPPRIED ANAMED PROOF IT OR EET ITEMP OF UNROTICETED WORKERS, THIS BUILDING LIUST NOT BE EFFICERED WITHOUT PERSONAL PROTECTION EQUIPMENT OR 24 HOURS. OR. UNITH A DIRECT INDICATING SHORT TERM CONCENTRATION MOINTORING DEVICE HIDICATES THAT THE D DVP AIR CONCENTRATION IS EQUAL TO, OR LESS THAN OUT PPALAY AN AIR CONCENTRATION OF DOT PPALOY LESS IS REQUIRED TOR ENTRY WITHOUT PERSONAL PROTECTION EQUIPMENT OF HOT PROTECTION OF MAN ROUND WITHOUT PERSONAL PROTECTION LESS AIR CONCENTRATIONS OF DODY AIR AT TOR BECOME OF DIPPAL.

STORAGE AND DISPOSAL

On not contaminate water, food or feed by storage or discossi-

STORAGE: Store production original container in a cool, dry, looked place out of reach of children

PESTICIDE DISPOSAL: Pesticide wastes are adultly hazardours. Improper disposal of encess pesticide, spray minute, of recasts is a violation of Federal taxe. If steep wastes commot be disposed of by use according to label instructions, contact (Dut State Pessage of Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. CONTANER DISPOSAL, Metal; Triple mise for equivalent). Then ofer for recycling or reconduciving, or puncture and disposit of in a santary landfol, or by other procedures approved by state and local authorities. Prostic: Triple mass for equivalent). Then offer for recognitioning, or purcture and dispose of in a santary landfol or incinediolin, or, if allowed by State and local authorities, by burrang iff burned, stay out of smoke.

PRECAUTIONARY STATEMENTS NAZARDS TO NUMANS AND DOMESTIC ANIMALS:

DANGER

FATAL IF SWALLOWED, INHALED OR ABSORBEO THROUGH THE SKIN OR EYES, RAPIDLY ABSORBED THROUGH THE SKIN, REPEATED INHALATION OR SKIN CONTACT MAY, WITHOUT SYMPTOMS, PROGRESSIVELY INCREASE SUSCEPTIBILITY TO DICHLORVOS (DDYP) POISONING, DO NOT SWALLOW OR GET IN EYES, ON SKIN OR ON CLOTNING, DO NOT BREATHE VAPORS, DO NOT CONTAMINATE FOOD OR FEED PRODUCTS.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are killed below. If you want more options follow the instructions of category "C" on an EPA chemical resistance category selection chart in the Worker Ombection Standard

Applicators and other Handlers Most (Year

- Coversits over long-sleeved shirt and long pants
- Chemical-resistant gloves such ar Barrier Leminate, Buryl Rubber, Nitrite Rubber, Neoprene Rubber, Polyvinyl Chlorida or Viton
- Chemical-resistant footnear plus socks
- Protective everyess
- Chemical-resistant headgear for overhead exposure
- · Chemical-resistant apron required for mixing loading and cleaning
- Respirator with either an organic vapor removing OV cartridge with a prefiter approved for posticides [MSHA/MOSH approved number prefix TX-23C) or a canister approved for pesticides (USHAT#OSH approval number TC-14G)
- v Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate; do not reuse them.
- V. Follow manufacturer's intifractions for cleaning/maintaining PPE 48 there are no such instructions for washables, use detergent and hot water
- v. Keep and wash PPE separately from other laundry **ENVIRONMENTAL NAZARDS**

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of equipment washwalers. Apply this product only as specified on this label.

PHYSICAL/CHEMICAL NAZARDS

Combustible. Do not use or store near heaf or open flame. Do not apply this product in or on electrical equipment due to the possibility of shock hazard

STATEMENT OF WARRANTY AND LIABILITY

Seller warrants that this product complies with the specifications expected in this task. SELLER MAKES NO OTHER WARRANTHES, AND DISCLAIMS ALL OTHER WARRAITIES, EXPRESS OR UPLIED, SICLUPING BUT HOT LIMITED TO WARRAITIES OF DERCHANTABELTY AND FITNESS FOR THE INTERDED PURPOSE. Sever's kabulay for default, breach or taking under this label chast be amied to the amount of the purchase pose. Selfer et all have no habitry to consequencel damages. April 32, 2004

CARD-O-VAP 5

FOR SALE TO, USE AND STORAGE BY COMMERCIAL AND INDUSTRIAL APPLICATORS ONLY NOT FOR USE OR STORAGE IN OR AROUND THE HOME

FOR USE IN WAREHOUSES, SILDS, BULK BIHS AND FOOD/FEED PROCESSING, FOOD/FEED MANUFACTURING. FIANDLING AND STORAGE PLANTS CONTAINING NON-PERISHABLE, PACKACED OR BACCED RAW OR PROCESSED FOOD/FEED COMMODITIES OR BULK RAW OR PROCESSED FOOD COMMODITIES, AND IN THE NONFOOD/FEED AREAS OF FOOD/FEFD LIANDLING ESTABLIS LIMENTS

ACTIVE INGREDIENTS:	
2.2-dichlorovinyl dimethyl phosphate (Dichlorvos, DDVP)	"4 9"
Related Compounds	
OTHER INGREDIENTS":	
TOTAL	100 00
* Faultziant in 14 Vannas Inspetitible	

KEEP OUT OF REACH OF CHILDREN

DANGER

"Contalas Petroloum Distilistas



PELIGRO

F	15	रऽ	т	ΑI	D

	Do not induce yoursing unless told to do so by a poison control center or doctor.
1	■ Do not give any liquid to the person.
1	Do not give anything by mouth to an unconscious poster.
 	

IF WHALED: Move nemon to fresh air

If person is not breathing, ca fill for an ambulance, then give archipal respiration, preferably by mouth-lamoust, if possible.

Colum conson control center or doctor for further treatment advice.

Take of continuoused clothing. IF ON SKIN OR CLOTHING

IF SWALLOWED: # Immediately cas a poison control centor or doctor.

Roose skin unmediately with plenty of water for 15-20 moutes. Call a posion control center or dector for treatment advice.

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue mining eye.

Colt a poison control center or doctor for treatment advice. Hofe; Have the product container or label with you when calling a polson control carrier or doctor, or going for treatment.

NOTE TO PHYSICIAN

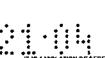
SYMPTOMS & TREATMENT:

IF IN ETES:

 Symptoms include weakness, headache, bijhiness in chest, blurred vision, non-rescave pio-point pupils, solvation, sweating, nauses, vomiting, diarrhes and abdominal cramps. Alrepine is the specific therapeutic entagonist of choice against parasympathetic nervous shirt/short. If

there are signs of parasympothetic standation, Alabona Suitata should be injected at 10-marks intervals, in desca of 1 to 2 milliograms until correlate Appendiation has occurred. 2-PAM is also arbitrated and may be parametered in conjunction with Afrepine. Morphine is contraindicated. Dear thest by postural orbinage. Observe patient continuously for e8 hours. Repeated exposure to choknesterase inhibitors may, without warrang, cause prolonged susceptibility to very arrest doses of any cholinesterate inhibitor. After no further supposure until time for chalinesterase regeneration has been attended as determined by blood test

CARDINAL PROFESSIONAL PRODUCTS . P. O. Box 782 . Hollister . CA 95024-0782 CPA E43 +8498-CA-01 EPA Reg. No. 8516-10 Hot Contents



DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANHER INCONSISTENT WITH ITS LABELING.

FOR USE IN COMMERCIAL APPLICATION EQUIPMENT: CONVENTIONAL OR ULY FOGGING EQUIPMENT

For control of Insects such as: Indian Meal Moth, Red Flour Beetle, Confused Flour Beetle, Saw-toothed Grain Beetle, Merchant Grain Beetle, Cigarette Beetle, Drugstore Beetle, and Granary Weevil.

- The term "non-perializable" means any rawer processed food/feed not subject to rapid decay or deteriors con that would render it until for consumption.
- Raw commodifies would include: Animal feed, cocca beans, ched beans, grain crops, pearids, saybeans and nut crops.
- flaw commodities do not include: eggs, mik, mest, poultry, lish, liesh huits and vegetables.
- Processed food/feed would include: Four, sugar, cereals, packaged goods and prackers.
- Processed food/feed does not include: hermopically sealed foods or manufactured down products and other processed food/feed requiring freedag by refrigeration
- When used in teorified processing, feedfield manufacturing, handless and storage assats.

 Apply only during more when than is not in operation and no feedfeed products are exposed. If burk, unpudaged feedfeed are a sposed, remove or cover before treatment occurs.
- All load lead-processing surfaces should be covered during treatment of this oughly cleaned before using

NOTE-USE IS PRONIBITED IN:

- The (eligibing logisted manufacturing establishments: botting plants (including winener, brevenes, and contact, framer loos) feed (including puzz plants and ice organiplants, excluding non-food manufacturing areas).
- The following food/feed processing establishments: meat, poultry and sealood slaughtening and/or packing plants (including edate first and disk, karen foodbeed plants brokiders faul and vegetables), dany product plants (including milk processing plants, exclusing non-load processing areas*[
- Tederally Inspected Meat and Pouttry Plants.

"Non-Food/Feed Processing Acoas include areas such as garbage rooms, lavstories, floor drains (la sewer entries and vestibulas), offices, locker cooms, mashine rooms, bottor rooms, garages, mop closets and alonge (after coming or bottling).

DRUM HANDLING

Hands carefully to prevent damage and leakage. Open drums only when sell on end and under a vertifiated hood or when wearing an approved readyrator and epprognate protective doding. Open burgs slowly to release pressure

APPLICATION

- The rate of application should be 1 to 2 grams of actual Vapons per 1,000 cubic feet or 3% to 1-12 cs. of liquid per 1,000 cubic feet. Check amount in insectional lank or auchiany tank before prid other treatment to assure proper discage has been applied. Keep a maintumed a T-day interval between applications based on cocca beans and raw (unsheded) positions where daily applications do not exceed #.5 grams A.I. per 1,000 cubic feet of hexistopice. Do not make applications when temperatures are below 60 degrees F.
- As treatments should be made during the hours when buildings are unaccapsed. Buildings treated should be closed and ventilition Sept at a maximum during sepacaban. Lock all entrances and do not allow unprotected workers to enter buildings during reasonant. Place WARNING signs at all entrances stating: "THIS BUILDING SHOULD BE OPENED AND AREA POPORT OF RECENTATION UNPROVED INFORMED INTO AND AREA POPORT OF EQUIPMENT. FOR 24 HOURS, OR, UNTIL A DIRECT INDICATING SHORT TERM CONCENTRATION MONITORING DEVICE tell a Diagon Tube! MONCATES THAT THE DOVP ARE CONCENTRATION IS EDUAL TO, OR LESS THAN, 50% OF THE PEL (0.150%), AMAIR CONCENTRATION OF 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT PERSONAL PROTECTION EDUPMENT. DO NOT ENTER PRIOR TO _____ AND R PM ON IDAIN; WITHOUT PERSONAL PROJECTION EQUIPMENT UNLESS AIR CONCENTRATIONS OF DOVPARE 50% OF THE PEL OR LESS."
- In California, the busing cannot be rentired without personal materials for 24 hours, unless the DDVP or concentration is 0.01 ppm or less. WARRING signs should read: "THIS BUILDING SHOULD BE OPENED AND AIRED PRIOR TO REENTRY OF UNPROTECTED WORKERS, TRIS BUILDING MUST NOT BE ENTERED WITHOUT PERSONAL PROTECTION EQUIPMENT FOR 24 HOURS, OR, UNTIL A DIRECT INDICATING SHORT TERM DONCENTRATION MONITORING DEVICE INDICATES THAT THE DOVP AIR CONCENTRATION IS EQUAL TO, OR LESS THAN DOT PPM, ALAR CONCENTRATION OF DOT PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT PERSONAL PROTECTIONED UPWENT DO NOT ENTER PRIOR TO _____AMORPMON (DAM) WITHOUT PERSONAL PROTECTION EQUIPMENT URLESS AIR CONCENTRATIONS OF DOVP ARE AT OR BELOW 0.01 PPM.*

STORAGE AND DISPOSAL

Denot contaminate water, food or feed by storage or disposal.

STORAGE: Store product in original container in a cook, dry, locked place out of reach of chaltren.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hoparitous. Improper disposal of excess pesticide, roral mature, of relative is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, control your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. CONTAINER DISPOSAL. Metal: Trade prise for equivalent! Then offer for recycling or reconditioning, or purchase and dispose of in a spinitary landfill, or by other procedures approved by state and local authorities. Plastic Triple mass (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfalor inconcretion, or, it although by State and local authorises, by burning. If burned, stay out of smoke.

PRECAUTIONARY STATEMENTS **NAZARDS TO NUMANS AND DOMESTIC ANIMALS:**

DANGER

FATAL IF SWALLOWED, INHALEO OR ABSORBED THROUGH THE SKIN OR EYES, RAPIDLY ABSORBED THROUGH THE SKIN, REPEATED INHALATION OR SKIN CONTACT MAY, WITHOUT SYMPTOMS, PROGRESSIVELY INCREASE SUSCEPTIBILITY TO OICHLORVOS (DDVP) POISONING DO NOT SWALLOW OR GET IN EYES, ON SKIN OR ON CLOTHING, DO NOT BREATHE VAPORS, DO NOT CONTAMINATE FOOD OR FEEO PRODUCTS.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options follow the instructions of category "C" on an EPA chemical resistance category selection chart in the Worker Protection Standard

- Applicators and other Handless Must Wear.
- Coverais over long-sleeved shirt and long pants
- Chemical-resistant gloves such as Barrior Laminato, Butyl Rubber, Nitria Rubber, Neoprene Rubber, Polyrinst Chloride or Viton
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron required for mixing/leading and cleaning
- Resourator with either an organic vapor removing OV cartridge with a prefiter approved for posticides [MSHAMIOSN approval number prefix TX-23CI or a canister approved for posticides Jt&SHAffiOSN approval number TC-14G).
- V Discard clothing and Other obsorbent materials that trave been direnched or heavily contaminated with this product's concentrate; do not reuse them.
- V. Follow manufacturer's instructions for cleaning/maintaining PPE. III there are no such instructions for warhables, use desergent and hot water
- Y Keep and wash PPE separately from other laundry. **ENVIRONMENTAL HAZARDS**

This product is texto to firth, birds, and other wildbe. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. Apply this product only as specified on this label.

PNYSICAL/CHEMICAL NAZARDS

Combustible. Do not use or store near heat or open flame. Do not apply this product in or on electrical equipment due to the possibility of shock hazard.

STATEMENT OF WARRANTY AND LIABILITY

Select warrants that the product complete with the specifications expressed in this tuber. SELLER MAKES NO OTHER WARRANTIES, AND DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR THE INTENDED PURPOSE. Seller's habitor for default, breach or fallure under this label shall be limited to the amount of the purchase price. Sefer That flavo no liability for consequential damages.

ACCEPTED the Poteral Insections. Penglobe, and Roberthide Ad-es attended, for the published registered made CARD-O-VAP 8



FOR SALE TO, USE AND STORAGE BY COMMERCIAL AND INDUSTRIAL APPLICATORS ONLY NOT FOR USE OR STORAGE IN OR AROUND THE HOME

FOR USE IN WARTHOUSES, SILOS, BULK BINS AND FOOD/FEED PROCESSING, FOOD/FEED MANUFACTURING, MANDLING AND STORAGE PLANTS COMPAINING NON-PERISHABLE, PACKAGED OR BACCSO RAW OR PROCESSED FOOD/TEED COMMODITIES OR BULK RAW OR PROCESSED POOD COMMODITIES,

AND IN THE HONFOOD/TEED AREAS OF FOOD/ISED HANDLING ESTABLISHMEN	15
ACTIVE INGREDIENTS:	
2,2-dichlorovinal dimethyl phosphate [Dichlorvos, DDVP]	17.8%
Related Compounds	0.2%
DTHER INGREDIENTS":	92.0%
TOTAL	100.0%
* Equivalent to 8% Vapons Injecticids	

KEEP OUT OF REACH OF CHILDREN

DANGER



PELIGRO

FIRST AID

ı	NF SWALLOWED:		Immediately exit a poison control conter or doctor
ı			Do not induce varying unless totalla da sa by a parson control center or doctor.
ı			Do not give any liquid to the person.
ı			Do not give anything by mouth to an unconscious person.
ı		_	

- Move corson to kesh or OF INVIALED:
 - Miperson is not breathing, can 911 or an ambulance, then give air final respiration, preferably by mouth-tomount, if pessible
 - Call a consen control conten or doctor for further treatment actions

Take of contaminated dolling. IF ON SKIN OR CLOTHING

- Ronse skin immediately with piersy of water for 15-20 minutes. Call a poison control center or doctor for heatment advice.
- # Hold eye open and more slowly and gently with water for 15-20 minutes. Remove contact lenses, it present, after the first 5 minutes, then continue naming eye. # Call a polion control center or doctor for treatment advice.
- Note: Have the product container or label with you when calling a polition control center or doctor, or point for treatment.

NOTE TO PHYSICIAN

STANPTONS B

坪 N EYES:

Symptoms include weaknest, headache, aghthesis in cheal, blurted vision, non-reactive pri-point publis. sativation, sweeting, nausea, vomiting, darries and abdominal orange.

Altropine is the specific therapeutic antagonist of choice against parasympathetic nervous standardn. If there are signs of parasympathetic standation, Abspire Subtate should be injected at 10-minute intervals, in doses of 1 to 2 milegans until complete Airconscation has populated. 2-PAIR is play antidotal and may be administered in conjunction with Atropine. Morphine is contraind cated. Clear chest by postural drainage Observe potent continuously for CS hours. Repeated exposure to cholinesterase inhibitors may, without warring, payoe protonged susceptibility to very small desea of any cholinesterase inhibitor. Allow no further exposure until time for choknesterase regeneration har been allowed as determined by blood less

CARDINAL PROFESSIONAL PRODUCTS . P. O. Box T82 . Hollister . CA 95024-0782 FPAFAL ARISE-CA-DI EFA Reg. No. \$33641 Nat Cent sats

DIRECTIONS FOR USE FOR USE IN COMMERCIAL APPLICATION EQUIPMENT:

CONVENTIONAL OR ULY FOGGING EQUIPMENT For control of Insects such as: Indian Meal Moth, Red Flour Beetle, Confused Flour Beetle, Saw toolhed Grain Beetle, Merchant Grain Beetle, Cigarette Beetle, Drugstore Beetle, and Granary Weevil.

- The form "non-pertahalita" means any raw or processed focultied not subject to rap difference or deterioration that would render it unfill.
- Raw commodities would include: Animal feed, cocoa beans, dried beans, grain crops, peanuts, soyceans and nut 6705.
- Raw commodities do not includs: eggs, milit meat poutry, lish, tresh fruis and regelables
- Processed tood/feed would include: flour, sugar, cerests, packaged goods and drackers.
- Procested food/feed does not include: homeocally scaled loads or manufactured dairy products and other processed food feed. required freezona or refrigeration.
- When used in foodfeed processing, foodfeed manufacturing, handling and storage areas:
- Apply only during times efter plant is not in operation and no locateed products are exposed. O bulk, unpackaged locateed are expassed, remove or cover before treatment begins
- All food food-processing surfaces should be covered during knowned or thoroughly decined before using

NOTE-USE IS PROHIBITED IN:

- The fallowing food/feed manufacturing salabilishmenes; botting plants [including wineries, brewenes, son drinks), licated lood/ lised including praza plants and ice cream plants, evoluting non-load manufacturing press;
- The following foodified processing establishments: most, poutry and scalood staughtering and/or packing plants findleding edible tast and oils), fracen locations plants (including fruit and vegetables), dairy product plants (including mix processing plants). excluding non-bod processing areast.
- Tederally inspected Meat and Poultry Plants.

"Non-Tood-Yeed Processing Areas include areas such as garbage rooms, Livatories, floor drains file sewer entries and Vostibules), offices, locker rooms, machine rooms, botter rooms, garages, mop closets and storage later canning or botting. DRUM HANDLING

Hundle carefully to prevent damage and leakage. Open drums only when set on end and under a ventilated hood or when wearing an approved respirator and appropriate projective dotting. Open burgs stoomly to release pressure APPLICATION

- The rate of application should be 11s2 grains of actual Vaporia per (,000 butileter or (721s Libb prepulsiper (,000 butileter). Check amount in insectiods lank or auchary tank before and after yearners to assure proper disagnities has been applied. Keep a reminumed a T-day interval between applications except on coose beans and raw (unshalled) postulate where duty applications do not exceed 0.5 grows A I, per 1,000 pubblises of headspace. Do not make applications when temperatures are below 60 degrees F. All beatmonts should be made during the hours when buildings are unoccupied. Buildings beated should be closed and vent/ahon
- Tept at a minimum during application. Lack all enhances and do not allow unprotected work on the buildings during treatment Place WARNING signs at all enhances statings: "THIS BUILDING SHOULD BE CEPTIED AND ARED PRIOR TO REBUTIE!" OF UNIPROTECTED VIOLENCE. THIS BUILDING MUST HOT BE ENTERED WITHOUT PERSONAL PROTECTION EQUIPMENT. T OR 24 HOURS, OR LINTALADRECT BLOXCATING SHORT TERM CONCENTRATION MONITORING DEVICE (e.g. a DISSETTATE) INDICATES THAT THE DOVP AIR CONCENTRATION IS EQUAL TO, OR LESS THAN, 50% OF THE PEL 10 (ppm), AMAIR CONCENTRATION OF 6.05 PPM OR LESS IS REQUIRED TOR ENTRY WITHOUT PERSONAL PROTECTION EQUIPMENT DO NOT ENTER PRIOR TO _____ AN OR PALON JOSSES WITHOUT PERSONAL PROTECTION EQUIPMENT UNLESS AR CONCENTRATIONS OF DOVPARE 50% OF THE PEL OR LESS."
- In Casternia, the building cranicl be recitized without personal profession for 24 hours, unless the DOVP air concentration is 0.01 ppm or less. WARNING pigns should read: This Sitt, DING SHOULD BE OPENED AND ARREO PRIOR TO RESISTERY OF UNPRIOTECTED WORKERS, THIS BUILDING MUST NOT BE ENTERED WITHOUT PERSONAL PROTECTION EQUIPMENTT OR 24 HOURS, OR UNTIL AD IRECT INDICATING SHORT TERM CONCENTRATION MONITORING DEVICE INDICATES THAT THE ODYP AIR CONCENTRATION IS EQUAL TO, OR LESS THAN 9.91 PPM AN AIR CONCENTRATION OF 0.91 PPM OR LESS IS REQUIRED TO SENTEY WITHOUT PERSONAL PROTECTION SOUPMENT DO NOT SITTER PRIOR TO __ALLOR PM ON IDUIS WITHOUT PERSONAL PROTECTION SOUPMENT URLESS AIR CONCENTRATIONS OF DOVP ARE AT OR BELOW 0.01 PPM."

STDRAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store product in original container in a cool, dry, locked place out of reach of children

PESTICIDE DISPOSAL: Pestioda wastes an acutely harmidous. Improper disposal or except pesticide, spray mixture, or intended is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State. Personal or Environmental Control Agency, or the Hazardous Waste representative at the research EPARag and Office for portance CONTANER OIS POSAL. Used: Trute make par equivalent. Then offer for recording or records become, or purchase and outpoints of a samply landful, or by other procedures approved by state and local suppoints. Plate: Trute make or equivalent. for recycling or reconditioning, or puncture and dispose of in a sunitary bandst or incineration, or, if allowed by State and focal authorities, by burning. If burned, stay out of smoke



Product ingredient source information may be entitled to confidential treatment

NOTE TO FILES 8536-40, 41

Called registrant on 4/12/04 and informed her that the applications dated 1/29/04 for both products were unacceptable. The purity of ai in the source product used to formulate these products is She used 96%. The csf's and label have to be changed to reflect a pure product. This applies to both the basic and alternate formulations.

In addition "combustible" needs to be placed at the beginning of the Physical/Chemical Hazard statements based on the flash point of these products.

Applicant agreed to make these changes and resubmit.

George LaRge



CARDINAL

PROFESSIONAL PRODUCTS

P.O. Box 782

83)785-0195,016 14C)(23)7850105 HOLLISTER, CA 95024-0782

(831) 637-1992 - TEL

(831) 637-0273 - FAX

January 29, 2004

Mr. George LaRocca, PM # 13 Office of Pesticide Programs (7504C) U. S. Environmental Protection Agency

1200 Pennsylvania Avenue, N.W.

Washington, DC 20460

Subject: Amendment-Re-entry Statement (California)

Card-O-Vap 5, EPA Reg. No. 8536-40

Card-O-Vap 8, EPA Reg. No. 8536-41

Dear Mr. LaRocca:

This letter is in response to your letter dated January 14, 2004 (copy enclosed). I have made the changes to labeling that you requested. Enclosed please find five copies for each product.

Also, as per your request, 1 have revised the Confidential Statements of Formula; enclosed please find two copies for each of the above-referenced products. As you suggested, we contacted our supplier to obtain the correct EPA registration number of the DDVP that we use. As I was reviewing the MSDS that was faxed to me (copy enclosed), I noticed that their minimum ai claim is now They must have improved the purity of their TGAI, which slightly changes our label claims (from 4.65% to 4.8% for Card-O-Vap 5 and 7.44% to 7.68% for Card-O-Vap 8). I have made the corresponding changes to the certified limits for each product. Please note that the formulations and the percent by weight of each component have not changed.

If you have any questions, please do not hesitate to contact me at (831) 637-1992. Thank you.

Sincerely,

Mardel Rose Belotinsky

Regulatory Affairs Specialist

Mordel Rose Belos

Copy: Ed Hosoda

Tom Duafala

PRECAUTIONARY STATEMENTS HAZAROS TO HUMANS AND DOMESTIC ANIMALS:

DANGER

FATAL IF SWALLOWED, INHALEO OR ABSORBEO THROUGH THE SKIH OR EYES, RAPIDLY ABSORBED THROUGH THE SKIN. REPEATED INHALATION OR SKIN CONTACT MAY, WITHOUT SYMPTOMS, PROGRESSIVELY INCREASE SUSCEPTIBILITY TO DICHLORVOS (DDVP) POISONING DO NOT SWALLOW OR GET IN EVES, ON SKIN OR ON CLOTHING DO NOT BREATHE VAPORS, OO NOT COHTAMINATE FOOD OR FEEO PRODUCTS.

PERSONAL PROTECTIVE EQUIPMENT (PPEI

Some materials that are chomical resistant to this product are fisted below. If you want more options follow the instructions of category "C" on an EPA chemical resistance category selection chart in the LYorker Protection Standard.

- Applicators and other Handlers Must Wear
- Coveralls over long-steeved shirt and long pants
- Chemical-resistant gloves such as Barrier Leminate, Outst Robber, Naria Rubber, Neoprena Rubber, Polyvinyl Chlorida or Viton
- Chemical-resistant tootwear plus socks
- Protective everyear
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron required for miumploading and cleaning equipment
- Respirator with either on organic vapor removing OV cartridge with a prefilter approved for posticides [MSHA/NIOSH approval number prefix TX-23C) or a carrister approved for pesticides (MSHA/NIOSN approval number TC-14Gt
- V Discard clothing and other absorbent materials that trave been drenched or heavily contaminated with this product's concentrate, do not rouse them.
- v. Follow manufacturer's instructions for cleaning/maintaining PPE. II there are no such instructions for washables, use detergent and hot
- √ Keep end wash PPE separately from other laundry. **ENVIRONMENTAL NAZAROS**

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Do not contaminate water by cleaning of environment or disposal oil equipment washwaters. Apply this product only as specified on this label

PHYSICAL/CHEMICAL HAZARDS

Do not use or store near heal or open flame. Do not apply this product in or on electrical equipment due to the possibility of shock hazard.

STATEMENT OF WARRANTY AND LIABILITY

SELLER WARRANTS THAT THIS PRODUCT COMPUES WITH THE SPECIFICATIONS EXPRESSED IN THIS LABEL. SELLER MAKES HO OTHER WARRANTIES; AND DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABRITYAND FITNESS FOR THE INTEROCOPURPOSE. SELLER'S LIABILITY FOR DEFAULT, BREACH OR FAILURE UNDER THIS LABEL SHALL BE LIMITED TO THE AMOUNT OF THE PURCHASE PRICE. SELLER SHALL HAVE NO LEASILITY FOR CONSEQUENTIAL DAMAGES. JANUARY 39, 2004

CARD-O-VAP 8

FOR SALE TO, USE AND STORAGE BY COMMERCIAL AND INDUSTRIAL APPLICATORS ONLY HOT FOR USE OR STORAGE IN OR AROUND THE HOME

FOR USE IN WAREHOUSES, SILOS, BULK BIHF AND FOOD/FETD PROCESSING, FOOD/FEED MANUFACTURING, HANDLING AND STORAGE PLANTS CONTAINING NON-PERISHABLE, PACKACED OR BAGGED RAW OR PROCESSED FOOD/FEED COMMODITIES OR BULK RAW OR PROCESSED FOOD COMMODITIES. AND IN THE HONFOOD/ITTO AREAS OF FOOD/FITD HANDLING ESTABLISHMENTF

ACTIVE ING	REOIENTS:						
2,	2-dichlorovinyl dia	nethyl phose	shale (Oich	iorvos, DDVF	²)		*T.68
Ŕ	stated Compound	3				breten	0.32
	REDIENTS**:						
TOTAL					,		100.00
* Eughts	lend to 3 % Vapons	insocticisso					
**Conta	es Petroloum Disti	Matex					

KEEP OUT OF REACH OF CHILDREN

DANGER



PELIGRO

	FIRST AID
IF SWALLOWED:	If Immediately call a poison control center or doctor Do not induce vorning unless told to do so by a poison control center or doctor Do not give any facial to the person. Do not give anything by moun to an uncorractous person.
IF INHALEO:	Move person to kesh air. If person is not breathing, call 911 or an ambutance, then give sittlifical respiration, preferably by mouth-to-mount, if posticile. Call a paison control center or doctor for further Beatment ad vice.
IF ON SKM	Take of contamnated doming Report of the contamnated doming

OR ES DITHING

Call a poison control center or eactor for treatment educe.

IF IN EYES:

 Hold eye open and once slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then conclus missing eye.

Chill's poison control center or doctor for treatment advice.

Hote: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN

SYMPTOMS &

sakration, sweeting, navised, noming, charited and abdominal cramps.

Altrophe is the specific thirspecific antisonist of choice populationapathetic nervous samulation. If there are signs of parasympathetic somulation, Airopine Sulfate should be injected at 10-minute intervals, in doses of it to 2 mit-grams until complete Atropinization has occurred. 2-PAM is also antidotal and map be administered in consinction with Alropine. Morphine is contraindualled. Clear theti by costural dictinate.

Symptoms include weakness, headache, lightness in chest, bixted vision, non-reactive pin-point pupils,

Doserve patient continuously for 48 hours. Repeated exposure to chokrestardse rish bilars may, without warrang, cause protonged susceptibility to very small doses of any challengulerase inhibitor. Allow no further exposure until time for chaldestecase repensation has been allowed at determined by blood lest.

CARDINAL PROFESSIONAL PRODUCTS = P. O. Box 782 = Hollisser = CA 95024-D782 EPA Est. 48498-CA-01 EPA Reg. No. 8538-61 frat Contants



DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

FOR USE IN COMMERCIAL APPLICATION EQUIPMENT: CONVENTIONAL OR ULV FOGGING EQUIPMENT

For control of insects such as: Indian Meal Moth, Red Flour Beetla, Confused Flour Beetla, Saw-toothed Grain Bootle, Morchant Grain Beetle, Cigarette Beetle, Onugstore Beetle, and Granary Nicevil.

- The term "non-perlahable" means any raw or processed foodfeed not subject to rapid decay or detendention that would render it unfill. for consumption.
- Raw Commodicies would include: Animal leed, coops beans, dried boans, grain props, peaning, seybeans and nul crops.
- Raw commodities do not include: eggs, mix, most, poutry, lish, fresh insis and vegetables.
- Processed Londified would include: Flour, sugar, carears, packaged goods and crackers.
- Processed foodfreed does not include: hometically seated foods or manufactured duty products and oner processed foodfreed registing freezing or refrigeration.
- When used in foodless processing, foodless manufacturing, handling and storage areas; Apply only during times when plant is not in operation and no lood/leed products are exposed. If bulk, unpackaged food/leed are caposed, remove or caver before treatment begins.
- As foot-feed-processing surfaces should be covered during treatment or thoroughly cleaned before using:

HOTE-USE IS PROHIBITED IN:

- The following load/feed manufacturing establishments: booking plants (including wineries, brevenes, soft orinks), fracer food/ feed (including paza plants and colorism plants, excluding non-food mendacturing areas).
 The fellowing load feed processing establishments: most, poultry and sealood staughtering and/or packing plants (including
- edible late and oils), frazen koodifeed plants (induding that and vegetables), dairy product plants (including main processing plants. excluding non-food processing break).
- Federally Inspected Most and Poultry Plants.

*Non-Food/Feed Processing Area sinclude area such as garbage rooms, lavatories, floor drains (to sewer entries and vesibules). cffices, for Ler rooms, muching rooms, boiler rooms, garages, map closets and storage (after canning or bottling). DRUM HANDLING

Handle carefully to prevent damage and testage. Open drums only when soft on end and under a ventilated hood or when wealing an approved respirator and appropriate protective dollars. Open burgs slowly to release pressure. APPLICATION

- The rate of application should be 1 to 2 grams of adulal Vapona per 1,000 cubic feet or 1/2 to 1 az, of liquid per 1,000 cubic feet. Check amount in insections tank or purchary tank before and after treatment to assure proper dotage has been aspired. Keep a minimum DI e Y-day interval between applications except on cocca beans and raw jurishetied j peanwa where daily applications do not exceed DS grams A1, per 1,000 cubic feet of headspace. Do not make populcations when temperatures are below 60 degrees F
- As treatments should be made during the hours when buildings are unoccupied. Buildings treated should be closed and vertication 1 ept at a minimum during application. Lock all entrances and do not allow unprotected workers to enter buildings during treatment. Sets is a minimum song approximate, Lock as extended stated, and applying the process workers to enter except or the process Warning song is a few entering under this plant days global to the Cepting And Area Propriet or Retainty of Universified States and the States of the Cepting States and the Cepting States of the Cepting St MORCATES THAT THE DOVP AIR CONCENTRATION IS EQUAL TO, OR SESS THAN, SON, OF THE PEL (3) I port). AMAIR CONCENTIATION OF 0.05 PPM OR SESS IS REQUIRED FOR ENTRY WITHOUT PERSONAL PROTECTION EQUIPMENT DO NOT ENTER PRIOR TO _____ AMOR, FM OIL (Dale) WITHOUT PERSONAL PROTECTION EQUIPMENT UNLESS ARE CONCENTRATIONS OF DOVP ARE 50% OF THE PER OR LESS.
- In California, this busing connot be reentated mishout personal protection for 21 hours, unless the DDVP air concentration in 0.01 ppm OF THE SURFACE OF THE UNTIL A DIRECT INDICATING S NORT TERM CONCENTRATION MONITORING DEVICE INDICATES THAT THE DOVP AIR CONCENTRATION IS EQUAL TO, OR LESS THAN 0.01 PPIL AN AIR CONCENTRATION OF 0.01 PPIN OR LESS IS REQUIRED FOR ELITRY LYTHOUT PERSONAL PROTECTION EQUIPMENT DO NOT ELITER PROR TO _____ AMOR PAIN ON (Date) WITHOUT PERSONAL PROTECTION EQUIPMENT UNLESS AIR CONCENTRATIONS OF DOVP ARE AT OR DELOW OUT PPM.

SYORAGE AND DISPOSAL

Do not engage water, food or lead by storage or disposal

STORAGE: Store product in original container in a cool, dry, lacked place out for reach of children

PESTICION DISPOSAL: Pesticide wastes are admety hazardous, improper disposal of excess posticide, spray mucure, or impate Is a violation of Federal law. If these worder cannot be disposed of by use according to tabel instructions, contact your *State*Pessages or Environmental Control Agency, or the Hazardous Words representative at the nearest EPA Regional Office for Quidance. CONTAINER DISPOSAL. Metal: Traje raise (or equivalent). Then offer for recycling or reconstraining, or puncture and dispose of In a sanitary landfill, or by other procedures approved by state and local authorities. Plastic: Triple note (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landful or incharation, or, if eithwed by State and local authorities, by burning Hibsarred, stay out of smoke.

Explore Registrations og Number: 8536-41 Reg. Type: Product Registra Name: CARDINAL CARD-O-VAP 8	ation - Section 3	Status: Conditionally Registered (22-Jan-1 <view details="" registration=""></view>
S: Stémission Type OPP Rec'v	Hew Receipts) d Date Resultin	ssion Description
Data Requirements	Submission Type: Resubmission?: Decision #: Submitter Company: Application Date: OPP Received Date: Studies Included?: Form A Signed? Form B Signed? Reviewer: Received DT:	F Yes C No 337468; 300; LABEL REVISION; NO DATA REQUIRED; SOIL CHEMICALS CORPORATION

AN 14 JU04

Mardel Rose Belotinsky Regulatory Affairs Specialist Cardinal Professional Products Post Office Box 782 8770 Highway 25 Hollister, California 95024-0782

Subject: Amendment: Update Label to Reflect Changes to ReEntry Statement for Use in

California

Card-O-VAP 5

EPA Registration Number 8536-40

Card-O-VAP 8

PPA Registration Number 8536-41 Your Submission Dated April 14, 2003

Dear Ms. Belotinsky:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, will be acceptable provided you make the following changes:

- Add "and in the Nonfood/Feed areas of food/feed handling establishments
 "to the end of the paragraph on the front panel beginning, "For Use in
 Warehouses, Silos... etc."
- Under Environmental Hazards revise the second sentence to read "Do not apply directly to water."
- 3. Move the statement "Not for Use or Storage in or Around the Home" to the top front panel beneath the "For Sale to, Use . . . etc., statement.
- 4. Add "or eyes" to the end of the first sentence under precautionary statements.
- 5. Revise the first aid statements in compliance with PR Notice 2001-1, "First Aid Statements on Pesticide Product Labels." Note that due to the

presence of petroleum distillate in the product administration of any liquid is not recommended.

6. Submit a revised confidential statement of formular identifying the correct EPA Registration Number for the source product used to formulate this product, We suggest you contact your supplier in this regard.

We note incorporation of more stringent reentry conditions into treated buildings without PPE as recommended by CAL DPR. Since this proposal represents more restrictive precautionary language we do not object to this labeling for use in California. Note that the Agency has not completed its risk assessment for products containing DDVP. Additional label changes may be required once the assessment is completed.

This letter does not constitute approval of the application for amended registrations and amended labeling may not be lawfully marketed until it is approved. To expedite handling, please return a copy of this letter with your finished labeling.

If you have any questions regarding this action please feel free to contact me att (703) 305-6100.

Sincerely yours,

George T. LaRocca Product Manager 13 Insecticide Branch Registration Division 7505C

cc: Ann Prichard, Pesticide Registration Division Department of Pesticide Regulation Post Office Box 4015 Sacramento, California 95812-4015

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER

FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN, RAPIDLY ABSORBED THROUGH THE SKIN, REPEATED INHALATION OR SKIN CONTACT MAY WITHOUT SYMPTOMS. PROGRESSIVELY INCREASE SUSCEPTIBILITY TO OICHLORVOS (DOVP) POISONING, DO NOT SWALLOW OR GET IN EYES, ON SKIN OR ON CLOTHING, DO NOT BREATHE VAPORS, DO NOT CONTAMINATE FOOD OR FEED PRODUCTS.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are character resistant to this product are street below If you want more options token the instructions of collegory "C" on an EPA chemical resistance category selection chart in the Wenter firetestion Standard

Applicators and other Handlers Uses Weep.

- Coverally over long-sleeved shirt and long parts
- Chemical-resistant gloves such is Barrier Laminate, Buryl Rubber, Harea Rubber, Neoprena Rubber, Polyvinyl Chlorda er yean
- Chemical resistant foothear plus socks
- Protective eyevest
- · Chemical-registant headgear for overhead expession
- · Operacal-testistant option togeted for missingleading and cleaning
- Respirator with either an organic vapor removing ON carriage with a prefilter approved for posticities IMSHARROSH sizeroval number creax TX. 23C) or a consister approved for posticides (MSHATEOSH approval number TC-14Gt
- V. Discard clothing and other obserbant materials that have been premented or heavily contaminated with this product's concentrate; do not reuse them. V. Follow manufacture's instructions for designaturalisating PPG of there are no such instructions for washables, use designed and has waset.
- Keep and wash PPE separately from other saunday.

ENVIRONMENTAL HAZAROS

This product is toxic to fish, bada, and other wildlife. Need out of him body of water. Do not contaminate water by cleaning of equipment or disposal of equipment washingtons. Apply this product only as specified enrichis label. Not for use or stocage in or pround the home.

PHYSICAL/CHEMICAL HAZAROS

Da not use or store near heat or open flame. Do not apply this product with on electrical equipment due to the possibility of shock excard.

STATEMENT OF WARRANTY AND LIABILITY

Suffer warrants that this product complies with the specifications expressed in this label. SELLER MAKES NO OTHER WARRANTIES; AND DISCLAMS ALL OTHER WARRANTIES, EXPRESS OR IMPUED, INCLUDING BUT NOT MATEO TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR THE INTENDED PURPOSE. Solver's kindledy for default, breach or taken purper this local phief be imised to the amount of the purchase price. Seder shall have no tiebalty to consequerosi damages.

CARD-O-VAP 8

FOR SALE TO, USE AND STORAGE BY COMMERCIAL AND INDUSTRIAL APPLICATORS ONLY

FOR USE IN WAREHOUSES, SILOS, BULK BINS AND FOOD/FEED PROCESSING, FOOD/FEED MANUFACTURING, HANDLING AND STORAGE PLANTS CONTAINING NON-PERISHABLE, PACKAGED OR BAGGED RAW DR PROCESSED FOOD/FEED COMMODITIES OR BULK RAW OR PROCESSED FOOD COMMODITIES

ACTIVE INGREDIENTS

2,2-dichlorovinyl dimethyl phosphate* (Dichlorvos, ODVP) 7.44% Related Compounds 0.56% OTHER INGREDIENTS* 92.00%

TOTAL * Equivalent to 8% Vapona Inserticide

100.00% "Contains Petroleum Distillates

KEEP OUT OF REACH OF CHILDREN

DANGER



PELIGRO

FIRST ALO IF SWALLOWED: Cast a physician or Poison Control Center immediately. Because of appraisin potential, do not induce verniting unions under threat medical supervision. Do not induce verticing or give anything to an unconscious person IF WMALEO: Ramove vertical tests air. Apply enticial respiration, if including.

F MONEY Programment down on Appy are considered, a country of the Appy of the

A paragraph of Cristolistic. Read patient proce and quality state defined representable patient is not bestteng. Textipotities plane immediately to the newest physician. NOTE TO PHYSICUM: SYMPTIMES. Symptoms texteds weathers, haudethe, tiphinesis in chest, blurred vacon, non-equitive proposes, saleston, eventation, naurest breathing, dominal under abdominal princips. IEEE/ATMSOT. Amorine is the execution because analyzed and process statements in these are signs of paragrametrics of simulation. Anythe-Suffit product and graph of a controlled on the controlled on the controlled product and controlled on the controlled paragraph with Automatic Court short by contained commands. Sufficient production with Alexander Court short by contained commands. Sufficient production with Alexander Architectures is included the controlled on the controlled paragraph and controlled paragraphs. Sufficient production with Alexander Architectures is included the paragraph of the controlled paragraphs. Sufficient paragraphs of controlled the production with Alexander Architectures in the controlled paragraphs. Westerngt කාමේ කියාවය ඉදිනි අදහස්ත්රීම් to very areas coses of any cholenestes are arbeites. Allow no further exposure until time for cholenesses as regional and have been allowed as determined by blood fest,

See Side Panel For Additional Procautionary Statements.

CARDINAL PROFESSIONAL PRODUCTS

P. O. Box 782 - Hollister - CA 95024-0782

EPA Reg. No. 8536-41

Nat Contents _____

EPA Est. 48498-CA-01

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

FOR USE IN COMMERCIAL APPLICATION EQUIPMENT: CONVENTIONAL OR ULV FOGGING EQUIPMENT

For control of insects such as: Indian Meel Math, Red Flour Beetle, Confused Flour Beetle, Sarv-toothed Grain Beetle, Merchant Grain Beetle, Cigarette Beetle, Drugatore Baetle, and Granary Weevel.

- The form "non-perishable" means any raw or processed tendified not subject to rapid docsy or petenoration that would render a unio for consumption
- Raw commodifies would include: Animal food, cache beans, dried beans, gram crops, pearurs, stylpoans and nut crops.
- Raw commodities do not include: eggs, mix, meat poetry, fets, bees truts and regetables.
 Processed foodified would include: flour, sugar, cerezis, packaged goods and crackers.
- Processed food/feed does not include: hormet-milit tosted toods or manufactured dairy products and other processed tood/feed requiring hirecting or refrigerable.

 When used in feedings, processing, foodfised manufacturing, handling, and storage sectal:
 Apply only during times when plant is not in operation and not because products are exposed. If but, unpackaged scodificed are
- espaced, remove or cover belots treatment begins,
- All food/bed-processing surfaces should be covered during treatment or electronity desired before using.

NOTE-USE IS PRONIBITED IN:

- . The following foodified manufacturing establishments: boding plants finducing windles, brewence, soft trinket frozen food.
- the following foodings processing establishments: meat, poorly and scaled studytering and/or packing plants; including edible fata and of a), frazen tood feed plants (including frue and vegetables), dairy product plants (including mits processing plants. excluding non-food processing areas").
- Federally Inspected Meat and Poultry Plants.

Yron-FoodFeed Procesting Areas include areas such as garbage rooms, lavatories, floor drains (to sewer entries and vesebules), offices, locker rooms, machine rooms, boller rooms, garages, mag clasets and storage (office canning or bottling).

ORUM HAMOLING

Handle carefully to prevent damage and scarage, when online usy must be a special approved respirator and appropriate protective clothing. Open purps solvely to release pressure.

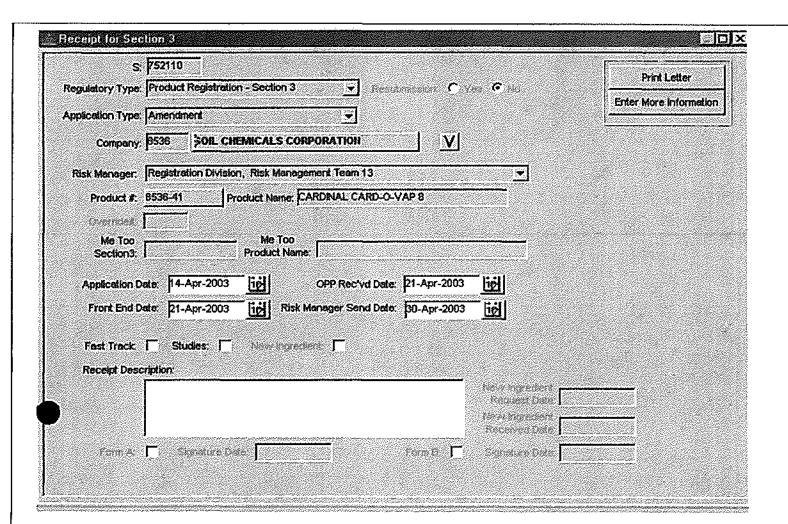
Approved respirator and appropriate protective clothing. Handle carefully to prevent damage and leakings. Optio drums only when set on and and under a ventilated hood or when wearny an APPLICATION

- The rate of application should be 1 to 2 plants of accept Vaponal per 1,000 cubic feet or 1/2 to 1 az, of liquid per 1,000 cubic feet. Check amount is inspectionly between applications and other department to esture proper domain his been applied. Heep a minimum of a 7-day interval between applications at once penals and any regardered to esture proper domain his been applied. Heep a minimum of a 7-day interval between applications at once penals and rain translated (posture where daily applications do not exceed 0.5 grams A.I. per 1,000 cubic feet of feed practices. On not make applications when temperatures are below 60 degrees F.
- All heatments should be made during the hours when buildings are unoccupied. Buildings literate should be closed and remarked fact at a maintain during application. Lock at entrances and log not allow unprojected workers to enter buildings during treatment. Place WARNING signs at all entances datory. This Building should be opened with affect through to regetter of unbrotected workers. This build have not be entered without personal protection education from 24 HOURS, OR, UNITE A DIRECT HIDICATING SHORT TERM CONCENTRATION MONTORING DEVICE to g. a DESCRIPTION SOCATES THAT THE DOPP ARE CONCENTRATION IS EQUAL. TO, OR LESS THAT, ON. OF THE PEL TO, I poin, AFLAR CONCENTRATION OF DOS PEM CRICES IS REQUIRED FOR EURIT WITHOUT PERSONAL PROTECTION EQUIPMENT ON THE TEMPORAL PROTECTION EQUIPMENT UNLESS AIR CONCENTRATIONS OF DOPP ARE 10% OF THE FEL OR LESS."
- In California, the building cannot be reprinted without personal protection for 24 hours, unless the DOVP as concentration to 0.01 point or less. WARNING arms should treat. THIS BUILDING SHOULD BE OPELED AND A RED PRIOR TO REENTRY OF INSPROTECTED. WORKERS. THIS BUILDING MUST NOT BE ENTERED WITHOUT PERSONAL PROFECTION EQUIPMENT FOR 24 HOURS, OR. UNTIL A DIRECT INDICATING SHORT TERM CONCENTRATION MONITORING DEVICE INDICATES THAT THE COVE AIR CONCENTRATION OF OUR PPM OR LESS THAT QUI PPM, AN AIR CONCENTRATION OF OUR PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT PERSONAL PROTECTION EQUIPMENT, DO NOT ENTER PRIOR TO __AMOR FU ON DESIGNMENT UNLESS, MR CONCENTRATIONS OF DOVP AGE AT OR BELOW COLPEN.

STORAGE AND DISPOSAL Do Act continentité water, food or feed by storage er disposal.

STORACE: Since product in original container in a cool, day, bother place out or reach of children
PES INCIDE OI SPOSALP Pesticide mastes are scalarly hazardous. Improper disposal of excess persons, spray manure, or rindale
a a violation of Federal Park. If these wastes connot be disposed at by use according to table eviduations, contact your State Personal or Environmental Control Agency, or the Hazardous Waste representative at the negrest EPA Regional Office for guidance. CONTAINER DISPOSAL. Metal: Trails mass for equivalents. Then eller for recording or reconditioning, or puncture and dispose st in a contary landful, or by other procedures approved by areas and local perfectives. Perstic Triple rince for equivalents, Then offer for recycling or reconditioning, or puncture and copose of Equ pentary landful or inconstation, or, if allowed by Etate and focul authorities, by burnion. If burned, flav but of smoke.

Explore Registrations				EDL
Reg Number: 8536-41 Reg. Type: Product Registr Name: CARDINAL CARD-O-VAP 8	ation Section 3	Status	Conditionally Registe	
S Submission Type OPP Rec's	o Hew Receipts) vd Date Resubm	ission	Description	
☐Decisions ☐ O: 337468; 8536-41;300; LABEL REVISION; NO L ☐	Submission Type: Resubmission?: Decision #: Submitter Company: Application Date: OPP Received Date: Studies Included?: Form A Signed? Form B Signed?: Reviewer: Received DT:	Yes F No 337458, 300, LABEL SOL CHEMICALS CO 14-Apr-2003 21-Apr-2003 C Yes F No F Yes F No F Yes F No Leroccia, George 30-Apr-2003 20-Jul-2003 Resp	REVISION, NO DATA REQUIRED REPORATION The Sent to Risk manager: Fast Track?: None Date: Editable Due DT: Fonse: D_112-Jan-2004 Priority Points: Secutionary language regains	30-Apr-2003 Yes (No





Department of Pesticide Regulation

Lleoye 7/28/03

Winslon H. Hickox Secretary, California Environmental Protection Agency

Paul E. Helliker Director

July 11, 2003

Ms. Linda Arrington, Ombudsman Registration Division (7505C) Office of Pesticide Programs U.S. Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Washington, D.C. 20460

Dear Ms. Arrington:

Submission of a Label Under the U.S. EPA/DPR Label Revision Project

Enclosed for your review and approval are amended labels for two of Cardinal Chemical Company's products, Card-O-Vap 5, EPA Reg. No. 8536-40 and Card-O-Vap 8, EPA Reg. No. 8536-41.

Enclosed are:

- Cover letter from Cardinal Professional Products, dated April 14, 2003.
- Four copies of each proposed amended label (one copy with revisions highlighted);
- A copy of the currently approved federal product label for each product;
- Department of Pesticide Regulation (DPR) label reviews, dated June 18, 2003, indicating that the product labels as amended address DPR's concerns.

During the risk assessment of all products containing dichlorvos (DDVP), DPR determined that unacceptable occupational exposures could occur as a result of the use of certain non-strip...

DDVP pesticide products. Specifically, with regard to Cardinal Chemical Company's products Card-O-Vap 5 and Card-O-Vap 8, DPR was concerned that the product labels allowed reentry into treated buildings without personal protective equipment (PPE) at air concentrations of 0.05 ppm. Data reviewed by DPR indicates that the maximum air concentration for which entry should be allowed without PPE is 0.1 ug/L DDVP or 0.01 ppm.

Based on DPR's findings, Cardinal Chemical Company voluntarily agreed to amend their product labels to add a separate reentry provision for use in California. The revised provision

FLEX YOUR POWER! For simple ways to reduce energy demand and costs, see < *www_cdpt.ca pow>.



1001 i Sireet • P.O. Box 4015 • Sacramento, California 95812-4015 • www.cdpr.ca.gov

Ms. Linda Arlington July 11, 2003 Page 2

would prohibit reentry into treated buildings without PPE for 24 hours or until air concentrations are 0.01 ppm or less.

If the amended labels are acceptable, please return a stamped approved copy of the revised labels at your earliest convenience to:

Attn: Ann Prichard
Pesticide Registration Branch
Department of Pesticide Regulation
P.O. Box 4015
Sacramento, California 95812-4015

Fax: (916) 324-5872

If you have any questions, please contact me by e-mail at aprichard@edpr.ca.gov or by telephone at (916) 324-3931.

Sincerely,

Ann M. Prichard

Senior Environmental Research Scientist

ann Prichard

Pesticide Registration Branch

Enclosures

ce: Ms. Rachel Naves (w/ enclosures)



April 14, 2003

Ms. Ann Prichard
Senior Environmental Research Scientist
Pesticide Registration Branch
Department of Pesticide Regulation
1101 I Street, P. O. Box 4015
Sacramento, CA 95812-4015

Re: Card-O-Vap 5, EPA Reg. No. 8536-40 Card-O-Vap 8; EPA Reg. No. 8536-41

mostel Rose Belotin

Dear Ms. Prichard:

As per a letter from Mr. Barry Cortez, dated February 28, 2003, we are submitting amended labeling for the above-referenced products. We have chosen to mitigate the hazards associated with the use of DDVP by adding a paragraph to the Directions for Use section (see highlighted copies "In California..."). Enclosed are four copies of proposed labeling for each product.

If you have any questions or need further information, please do not hesitate to contact me.

Sincerely,

Mardel Rose Belotinsky Regulatory Affairs Specialist

mrb

Enclosures

Copy: Ed Hosoda Tom Duafala

> Phone: 831/637-1992 • Fax: 831/637-0273 — T PO Box 782 • 8770 Highway 25 • Hollister, CA 95024-0782



Department of Pesticide Regulation



Protection Agency

Paul E. Helliker Director

MEMORANDUM

TO:

Rachel Kubiak, Pesticide Use Specialist

FROM:

Worker Health and Safety Branch

DATE:

June 18, 2003

SUBJECT: PESTICIDE PRODUCT LABEL EVALUATION

PRODUCT NAME

: Card-O-Vap 5

ACTIVE INGREDIENT(S) : 2,2-dichlorovinyl dimethyl phosphate (7.44%)

- also known as dichlorvos or DDVP --

I.D. NUMBER

: 199870

DOCUMENT NUMBER

: N/A

EPA REGISTRATION NO. : 8536-41

COMPANY NAME

: Cardinal Professional Products

REGISTRATION TYPE: Section 3

LABEL AMENDMENT: Yes 🕅

No \square

JUSTIFICATION/ADDITIONAL DATA REQUIRED: Yes 🗌

No 🔯

PROPOSED REGISTRATION ACTION:

Register

U.S. EPA RED ISSUED FOR THIS A.I.:

Yes 🔀

No 🗌

SUMMARY OF REGISTRATION REQUEST:

Cardinal Professional Products is requesting registration of an amended label for their product "Card-O-Vap 8," which contains the active ingredient DDVP. This product is applied via conventional or ULV commercial fogging equipment and is intended to control various insect pests in warehouses, silos, bulk bins and food/feed processing, food/feed manufacturing, handling and storage plants containing non-perishable, packaged or bagged raw or processed food/feed commodities or bulk raw or processed food commodities. There are no labeled agricultural uses.

In response to a 1996 Risk Characterization Document (RCD) for DDVP which identified unacceptable MOE's for certain exposure scenarios (Lim et. al. 1996), a Risk Mitigation Proposal was completed in 2002 (Formoli, 2002). This proposal required amended precautionary language on all DDVP product labels. The registrant has submitted a revised label for "Card-O-Vap 8" in order to comply with these mitigation measures. Specifically, a

1001 | Street . P.O. Box 4015 . Sacramento, California 95812-4015 . www.cdpr.ca.gov

Rachel Kubiak ID No.: 199869 June 18, 2003 Page 2

paragraph was added to the "Directions for Use" section of the label, which states "In, California, the building cannot be reentered without PPE for 24 hours, unless the DDVP air concentration is ≤ 0.01 ppm." Requirements for warning signs are also included in this paragraph.

This registration package was not routed to the Medical Toxicology Branch for their review. The Registration Branch has requested that the Worker Health and Safety (WHS) Branch review the registration package to determine whether the label statements are acceptable and in compliance with the revised reentry and exposure guidelines set forth by DPR regarding DDVP.

BASIS FOR PROPOSED ACTION:

The proposed product label is consistent with current WHS guidelines regarding statements associated with pesticide exposure and safety. The additional precautionary language included in the revised label complies with the mitigation measures prescribed in the DPR risk mitigation proposal.

ADDITIONAL COMMENTS:

- Since this product was previously registered, no acute toxicity data was submitted with this registration package. However, from the WHS perspective, the label meets all worker safety requirements since all pertinent label language reflects an acute Toxicity Category I product.
- 2) This product is a cholinesterase inhibitor and contains petroleum distillates. Both of these hazards have been adequately addressed in the "Note to the Physician" and other required precautionary language.

REFERENCES:

Formoli, Tareq A. January, 2002. Dichlorvos (DDVP): Mitigation Proposal for Reduction of Human Exposure. HS-1738. Worker Health and Safety Branch, Cal/EPA, Department of Pesticide Regulation, Sacramento, CA..

Lim, L.O., Aldous, C.N., Gee, J.F., Fong, H.R., Formoli, T.A. and Rech C.J. 1996. DDVP Risk Characterization Document. Medical Toxicology and Worker Health and Safety Branches, DPR, Sacramento, CA.

James R. Goodbrod, DVM, MS

(Associate Environmental Research Scientist

Joseph P. Frank, D.Sc. (Senior Toxicologist)



CARDINAL

George Latocco 9/24/01

PROFESSIONAL PRODUCTS

P. O. BOX 782 HOLLISTER, CA 95024-0782 (831) 637-1992 - TEL. (831) 637-0273 - FAX

September 11, 2001

Mr. George LaRocca, PM #13
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Re: Pr

Product

Old EPA Reg. No.

New EPA Reg. No.

CARD-O-VAP 5

5440-120

8536-40

CARD-O-VAP 8

5440-121

8536-41

Dear Mr. LaRocca:

In a letter dated May 11, 2001, from Donna G. Parker, the U.S. Environmental Protection Agency approved the transfer of the above-referenced product registrations from Cal Ag Industrial Supply, Inc., dba Cardinal Chemical Company, company number 5440, to Soil Chemicals Corporation dba Soil Chemicals Corporation Products/SCC Products, company number 8536, see copies of letters to and from USEPA, enclosed.

The USEPA also processed a request for a change in our Official EPA Company Name and Address of record, see copies of correspondence, also enclosed. Soil Chemicals Corporation is now doing business as Cardinal Professional Products.

Although, as per PR Notice 98-10, we are not required to submit labeling to the Agency for these types of changes, I am submitting one copy each of the revised labeling and CSF for each product, in order to update your files and to eliminate any confusion associated with these changes, which include only the company name and address, EPA registration numbers, date of the labeling, and slight formatting changes. If you have any questions, please call me at (831) 637-1992. Thank you.

Sincerely, Mostel Rose Blistins

Mardel Rose Belotinsky

Regulatory Affairs Specialist

Copy: John Sansone, Ed Hosoda, Tom Duafala

PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS: DANGER

FATAL IF SWALLOWED, INHALED OR ADSORBEO THROUGH THE SKIN, RAPIDLY ABSORBED THROUGH THE SKIN, REPEATED INHALATION OR SKIN CONTACT MAY WITHOUT SYMPTOMS. PROGRESSIVELY INCREASE SUSCEPTIBILITY TO DICHLORVOS (OOVP) POISONING, OO NOT SWALLOW OR GET IN EYES, ON SKIN OR ON CLOTHING, DO NOT BREATHE VAPORS, OO NOT CONTAMINATE FOOD OR FEED PRODUCTS.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some material sthat are chemical revisions to this product are kided below If you want more options follow the instructions of category "C" on an EPA chemical resistance category selection chart in the Worker Protection Standard.

Applicators and other Handers Must West

Coveralls over long-sleeved styrt and long panis

 Chemical-resistant gloves such as Borner Laminate, Butyl Rubber, 11 trae Rubber, Necorene Rubber, Polywnyl Chioride or Viton

Overvisal-resistant footwear plus eachs

Protective symmetre

Chemical-resistant headgear for overhead exposure

 Chemical-resistant acron takured for might footing and dearing equipment

 Respector with either an organic vapor removing ON cartridge with a prefixer approved for pesticides MISHARIOSH approved number profis TX-\$30 or a conjugar approved for pessoons (185HAdNOS) approved number

V Descript electron and either absorbers malerate that have been directed. or heavily contemposted with this product's concentrate; gainst reuse them.

Followmanufacture's instructions for cleaning training PPE. If there are no such instructions for washables, use detergent and hal water

of Keep and wash PPE sensesially from other laundry.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Keett out of any body of water. Do hal contaminate water by cleaning or equipment or disposal of equipment washwaters. Apply this productionly as specified on this label field for use or storage in or around the forme.

PNYSICALIONEMICAL NAZARDS

Do not use or store near hest or open Lame. Do not apply this product in or on electrical equipment due to the possibility of shock hazard.

DIRECTIONS FOR USE

till is a violation of Tiederal law to use that product in a manner inconsistent with its

CARD-O-VAP 8

FOR SALE TO, USE AND STORAGE BY COMMERCIAL AND INDUSTRIAL APPLICATORS ONLY

FOR USE IN WAREHOUSES, SILOS, BULK BINS AND FOOD/FEED PROCESSING, FOOD/FEEO MANUFACTURING, NANDLING AND STORAGE PLANTS CONTAINING NON-PERISHABLE, PACKAGED OR BAGGED RAW OR PROCESSED FOOD/FEED COMMODITIES OR BULK RAW OR PROCESSED FOOD COMMODITIES

ACTIVE INGREDIENTS

2.2-dichlorovinyl dimethyl phosphate* (Olchloryos, DOVP) Related Compounds

7,44% 0.56% 92,00%

OTHER INGREDIENTS" TOTAL

* Equivalent to 8% Vapona Insecticide

100.00% **Contains Petroleum Distillatos

KEEP OUT OF REACH OF CHILDREN

DANGER



PELIGRO

IF SWALLOWED; Call a physician or Posson Control Center immediately. Because of expiration potential, do not induce vernising unless under direct medical supervision. Oa not induce vornting or give anything to an unconscious person.

IF INHALED: Remove watern to fresh air. Apply artificial respiration, if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water

IF IN EYES: Rush eyes with plenty of work Colf a physician introductory.

ANTIDOTE AND FIRST AID TREATMENT: ATROPHIS I the emergency anidate. CALL A PRYSICIATIMMEDIATELY IT ALL
CASES OF SUSPECTIO. DISSONING. Keep patient gone and quer. Start artificial respiration if patient is not treating. Transport the patient immediately to the nesrest physician.

NOTE TO PHYSICIAN: SYMPTOMS: Symptoms include weganess, hepdache, betweets in their, blurrat report per-resource per-point guest, servation, sweeting, nauses, vombing, custness and abdomnal dramps. IREATMENT, Altopine is the reporter. therappovic entagonist of choice against parasympothesis nervous atmatisher. If there are aujust of parasympothesis atmatishen Aircone Suitate should be injected at 10-minute intervals, in dozes of 1 to 2 millionary author complete Airconstation has occurred. 2-PAM is also antidost and may be estimated an consinction with Aircone. Horphine is contrandicated. Clear their by postural praintings. Observe patient continuously for 48 hours. Reposted exposure to characteriste intributors may, without warning, couse prolonged susceptibility to very small dosessed any chainesterase inhactor. Allow no further exposure with time for chalcontinuate reprocession has been allowed as differenced by blood last.

See Side Panel Tor Additional Precautionary Statements

CARDINAL PROFESSIONAL PRODUCTS

P. D. Box 782 . Hollister - CA 95024-0782

EPA Reg. No. 8536-41

EPA Est. 48498-CA-01

• Pirections for Use, continued

FOR USE IN COMMERCIAL APPLICATION EQUIPMENT: CONVENTIONAL OR ULY FOGGING EQUIPMENT

For control of insects such as: Indian Meal Moth, Red Flour Beetle, Confused Flour Beetle, Saw-toothed Grain Beetle, Morchant Grain Beetle, Cigarette Beetle, Drugstore Beetle, and Granary Weevil.

- The ferm "non-perishable" means any raw or processed food/feed not subject to rapid decay or deterioration that would render if unfit for consumption.
- Raw commodifies would include: Animal feed, occas beans, dried beans, grain crops, peanuts, soybeans and nut crops.
- Raw commodities at nor include: eggs, mix, mest, poulsy, lish, fresh fruits and vegetables. Processed foodsteed would include: Lour, sugar, cereals, packaged goods and madlers.
- Processed loadified stops not include: hormoscopy scaled bods or manufactured dainy products and other processed food feed
- requiring freezing or refrigeration. When used to see that the second service of the second services of the second second services of the second second services of the second services exposed, remove or cover before treatment begins.
- All food-feed-processing surfaces should be covered during treatment or thoroughly cleaned before using

NOTE-USE IS PROHIBITED IN:

- The following food-feed manufacturing establishments: bottong prants (including whenes brevene), soft drunks, frozen food: feed including extra plants and los present plants, excluding newhood monotocoming areas;
 The fellowing feed processing establishments; med, pointy and seated of bugginging and/or dadoing plants (including).
- eactic fats and old), hober foodfeed plants finduding that and vegetables), dairy product plants finduding milk processing plants. eirotuding non-food processing areas").

Paderally Inspected Mes Land Poultry Plants.

Hon-Food/Feed Processing Areas include areas such as garbage rooms, lavalories, floor drains (to sewer entries and vestibules), offices, lock or rooms, machine rooms, boiles rooms, garages, map closeste and a tenese (stite canning or bottling).

DRUM HANDLING

Itansia carefully ta prevent damage and leakage. Open drums only when set on end and under a verificated hood or when wearing an approved respirator and appropriate protective clothing. Open bungs slowly to release pressure.

APPLICATION

- The rate of application should be 1 to 2 grams of actual Vaporal per 1,000 cubic feet or 1/2 to 1 oz. of Liquid per 1,000 cubic feet. Check amount in insecticitie tank or avoiding tank before and after freetment to assure proper disage has been applied. Keep a immunum of a T-dayumental between applications except on coops beans and to when the disagraphs where duty applications cannot be an applications of the control of exceed 0.5 grams A1 per 1,000 cubic feet of headspace. Do not make applications when temperatures are below 60 degrees 7.
- All Heatments should be made during the hours when builtings are undocuped. Buildings treated should be Goded and verification legal of a manimal during application. Look all instances and do not allow depoted workers to order buildings depoted to the public of a manimal definition of the public UNPROTECTED WORKERS, THIS BUILDING MUST NOT BE ENTERED WITHOUT PERSONAL PROTECTION EQUIPMENT TOR 24 HOURS: OR, UNTIL A DIRECT MOXCATING SHORT TERM CONCENTRATION MONITORING DEVICE [A.B. & DISECT Tube) INOXCATES THAT THE DOYP AR CONCENTRATION IS EQUAL TO, OR LESS THAN, 50% OF THE PEL (0,1 ppm); an air concentration of 0.05 PPM or less is required 1 or entry without personal protection equipment. DO NOT ENTER PRIOR TO _____ AM OR PM ON (Date) WITHOUT PERSONAL PROTECTION EQUIPMENT UNLESS AIR CONCENTRATIONS OF ODVP ARE 50% OF THE PEL OR LESS."

STORAGE AND DISPOSAL

Do not contaminate water, lood or feed by storage or disposal

STORAGE: Store product an original container in a cool, dry, locked place cut of reach of children

PESTICIDE DISPOSAL: Persode worker are adulely hazardous. Improper disposal of excess pessode, spray maker, or misate is a violation of Federal law. If these wastes connot be disposed of by use according to lobel instructions, contact your State Perbods or Environmental Control Agency, or the Hazardous Wasterepresentative at the near entire Regional Office for guidance CONTAINER DISPOSAL, Metal, Trade range or equivalents. Then offer for recycling or reconditioning, or conducting and dispose of in a sandary landfull or by other procedures opproved by state and local authorities. Plastic. Imple name for equivalent | Then offer for recycling or recond/boring, or puncture and pispose of in a strictory landful or incineration, or, if allowed by State and local dothentes, by burning. If burned, star out of smake

STATEMENT OF WARRANTY AND LIABILITY

Selen waitents that the product comples with the specifications expressed in this label. Seller Mares No Other Warranties.
AND DISCLAUS ALL OLNER WARRANTIES, EXPRESS OR MAPLIED, MICLUDING BUT NOT LIMITED TO MARRANTIES OF
MERCHANTABILITY AND ITHESSTOR THE PITEMOCO PURPOSE. Serior's MOSCY for colour, presence is some that used is now. be trivial to the arrow the purchate price. Sefer shall have no liability for consequential damages September 12, 2001



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

May 11, 2001

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Mr. Stanley E. Iverson Soil Chemicals Corporation Products P.O. Box 782 Hollister. CA 95024

Dear Mr. Iverson:

Subject: Transfer of Pesticide Registrations and Data From Company Number 5440 to Company Number 8536

Pursuant to your request in your letter and transfer agreement of April 17, 2001, we have approved the transfer of the following registrations and data from Cardinal Chemical Company, company number 5440, to Soil Chemicals Corporation Products, company number 8536.

The effective date of these changes is the date of this letter.

Registered Products	Old EPA Reg. No.	New EPA Reg. No.
Premium Grade CARD-O-SECT #25 NE-1 Insecticide Thermal Fogging Insecticide Type M Cardinal 3% Insecticide Cardinal Food Plant 5-1 Insecticide Cardinal 25-5 Insecticide Cardinal food Plant Concentrated Fogging Insecticide Cardinal 1-2-3 Insecticide Cardinal 3-6-10 Insecticide	5440-99 5440-100 5440-106 5440-109 5440-113 5440-115 5440-117 5440-118 5440-119	8536-31 8536-32 8536-33 8536-34 8536-35 8536-36
Card-O-Vap S Card-O-Vap 8	5440-120 5440-121	8536-40 8536-41

You should indicate the new company designation, new EPA Registration Number and new Establishment Number (if it has changed) on the labeling at the next printing which should occur no later than 18 months after the effective date of this

transfer. After 18 months, any product released for shipment must bear the new Registration Number and Establishment Number. If you intend to use the labels which currently appear on the transferor's product after the effective date of the transfer, but within the 18 month grace period, you must maintain complete and accurate records which identify by batch number, lot number, or other suitable description the quantities of such product bearing the transferor's label. Each container or package bearing the transferor's label which is released after the effective date of product registration transfer, must be clearly and accurately marked with the batch number, lot number or other descriptive designation used to identify the product in your records.

Supplemental distribution agreements of registered products do not transfer with the Section 3 registration. It is your responsibility as the registrant to notify any and all supplemental distributors of the transferred product(s) of this transfer agreement. If you wish to enter into supplemental distribution agreements of your product(s) under this new registration, the form "Notice of Supplemental Distribution of a Registered Pesticide Product," EPA Form 8570-5, must be submitted to the Agency for each supplemental distributorship.

You are required to contact your local EPA Regional Office to determine what effect this transfer of pesticide registrations has on the pesticide production establishment registration.

It will not be necessary to submit labeling for review if the only changes are in the company designation and the EPA Registration Number. Other changes in the product and/or labeling may require EPA review and approval prior to initiation. In any correspondence on these products always refer to the U.S. EPA Registration Number listed above.

The transferred registration will have the same status under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, 7 USC 136 et seq., as it had prior to the approval of this transfer.

When registrations are transferred from one company to a second company, all restrictions, data requirements, conditions (suspensions), and deadlines existing on the registrations are transferred with the registrations. The new company is responsible for adhering to or complying with all such restrictions, etc. on the acquired products.

In regard to deadlines, the transferee company is responsible for submitting all required data according to the schedules already established for the acquired products. Failure to do so will result in the issuance of a Notice of Intent to Suspend. Requests from transferee companies for additional time

to submit, because they acquired the registration(s) after the 3(c)(2)(B) request was issued will not be granted. If a transferee company has other valid reasons for delays in the testing which were clearly outside of their control, then such requests for time extensions will be considered in accordance with the established procedures. Transfers occurring while a 3(c)(2)(B) request is being issued or during the 90-day response time are subject to the same conditions expressed above.

Registration is in no way to be construed as an endorsement or approval of these products by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with FIFRA.

Furthermore, the transfer of the subject registrations is approved under the condition that the annual maintenance fee obligation has been fully satisfied. The marginal maintenance fee is determined based solely on the total number of active section 3 and section 24(c) registrations held by the transferor. If the annual maintenance fee has not been fully satisfied, the transferee and transferor will be notified to comply within a specified time period or the affected registrations may be canceled.

The Agency acknowledges it has received a request for data transfer dated April 17, 2001 to transfer data ownership from the transferor to the transferee. The data transfer is effective the date of this letter. After this date Soil Chemicals Corporation Products will be considered the data owner. This action will not automatically reflect on the Data Submitters List. If you want to be added to the Data Submitters List, you must submit a request to:

Document Processing Desk (DSL)
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, NW
Washington, DC 20460-0001

By copy of this letter we are informing the transferor of these changes. If you have any questions about this transfer approval please contact me at (703) 305-6474.

Sincerely,

Donna G. Parker

Information Management Specialist Information Services Branch

... A. Parker

Information Resources & Services Div. (7504C)

cc: Mr. Ed Hosoda Cardinal Chemical Company P.O. Box 782

Hollister, CA 95024-0782

<u>.</u>	Section of the second	George Lahoura 10/23) 00	Ð
lèsse read inst	ructions on reverse before completing form.	Form Approvad. OMB No. 2	070-00

4. Company/Product (Namo) CARD-O-VAP 8 5. Nome and Address of Applicant /Include ZIP Code) Cardinal Chemical Company P. O. Box 782 FM# 13 6. Expedited Review. In accordance with FIFRA Section 3: (b)(i), my product is similar or identical in composition and late to:	6 on stricted			
Application for Pesticide - Section 1 1. Company/Product Number 5440-121 2. EPA Product Manager George LaRocca 3. Proposed Classification George LaRocca X None Ref CARD-O-VAP 8 5. Nome and Address of Applicant Include ZIP Code) Cardinal Chemical Company P. O. Box 782 Cardinal Chemical Company Company Cardinal Chemical Chemica	on stricted			
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5440-121 4. Company/Product (Namo) CARD-O-VAP 8 5. Nome and Address of Applicant Include ZIP Code) Cardinal Chemical Company P. O. Box 782 George LaRocca X None Re Carge LaRocca X None Re (b)(i), my product is similar or identical in composition and late to:	strictod			
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Cardinal Chemical Company P. O. Box 782 (b)(i), my product is similar or identical in composition and late to:	c1(3)			
P. O. Box 782				
1. 0. DOX 102	eling			
Hollister, CA 95024-0782 EPA Reg. No				
Check if this is a new address Product Name				
Section - II				
Amendment - Explain below.	1.			
-Agoncy letter dated PR Notice 98	-10			
	"Me Too" Application.			
Notification - Explain balow. Other - Explain balow.				
Explanation: Use additional page(s) if necessary. (For section 1 and Section 11.)				
2 copies enclosed.				
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•	1			
0-2				
Section - III				
Section - III 1. Moterial This Product Will Be Packaged In:				
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PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS: DANGER

FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN. RAPIOLY ABSORBED THROUGH THE SKIN, REPEATED INHALATION OR SKIN CONTACT MAY WITHOUT SYMPTOMS. PROGRESSIVELY INCREASE SUSCEPTIBILITY TO DICHLORVOS (DDVP) POISONING, OO NOT SWALLOW OR GET IN EYES, ON SKIN OR ON CLOTHING, DO NOT BREATHE VAPORS, DO NOT CONTAMINATE FOOD OR FEED PRODUCTS.

PERSONAL PROTECTIVE EQUIPMENT (PPEI

Some materials that are chemical resistant to that product are taled below If you want more episons feater the instructions of category "C" on an EPA chemical resistance category selection chart in the Worker Protection Etandard.

- Applicators and other Handlers North Wear. Coveral's over long-sleaved shirt and long pants
- Chemical resistant gloves such as Barrier Lamnate, Butyl Rubber, Heria Rubber, Neopreno Rubber, Polyvinyl Chlorida or Viton
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headonar for overhead exposure
- · Chemical-resistant agree required for mixing/loading and disaning
- Respirator with either an organic vapor removing ON cartridge with e profiles approved for posticides [MSHARWOSII approvid number prefix TX-23G) or a canister approved for posticides (MSHANIOSH approval number
- Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate; do not leave them. Follow manufacture's instructions for cleaning/maintaining PPE. If there
- are no such instructions for washables, use detergent and hot water Vices and wash PPE separately from other bunday.

ENVIRONMENTAL NAZAROS

this product is toxic to fish, birds, and other wildlife. Keep out of any body of water. Do not concurrenate water by cleaning of equipment or disposal of equipment washwaters. Apply this product only as specified on this label flot for use or storage in or occurs the home.

PNYSICAL/CNEMICAL NAZARDS

Do not use or store near heat or open flame. Do not apply this product in or on electrical equipment due to the possibility of shock hazard.

DIRECTIONS FOR USE

In is a violation of Tederal law to use this product in a manner inconsistent with its Landona.

ARD-O-VAP 8

FOR SALE TO, USE AND STORAGE BY COMMERCIAL AND INDUSTRIAL APPLICATORS ONLY

FOR USE IN WAREHOUSES, SILOS, BULK BINS AND FOOD/FEED PROCESSING, FOOD/FEED MANUFACTURING, NANOLING AND STORAGE PLANTS CONTAINING NON-PERISHABLE, PACKAGEO OR BAGGEO RAW OR PROCESSEO FOOO/FEEO COMMODITIES OR BULK RAIY OR PROCESSED FOOD COMMODITIES

ACTIVE INGREDIENTS

2,2-dichlorovinyl dimethyl phosphate* (Dichlorvos, DDVP) Related Compounds

T.44% 0.56%

INERT INGREDIENTS** TOTAL

92,00% 100.00%

Equivalent to 8% Vapona Insecticide

**Contains Petroleum Distillates

KEEP OUT OF REACH OF CHILDREN

DANGER



PELIGRO

POISON

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED. Call a physician or Poison Control Center immediately. Because of aspiration potential, do not induce vomiting unitess under accol moducal supervision. Do not incuce variety or give largithing to an unconscious person.

IF INNALEO. Remove vicem to besh air. Apply addicial respiration, 4 indicated IF ON SKWY. Remove contaminated clothing and wash affected areas with scap and water

IF W EYES: Thish eyes with planty of water. Call a physician stamodately.

ASTICOTE AND THIST AID TREATMENT: ATROPINE is the emergency anticote. CALL A PHYSICIAN MIMEDIATELY IN ALL
CASES OF SUPPECTED POSIONING. Keep patent prime and quiet. Such and calculate sprinters if patent a not broating. Transport the patient immediately to the nearest physician.

NOTE TO PHTSICIAN: SYNPTOLIS Symptoms include weakness, headache, tightness in strest, bloried vision, non-reactive per-point pupils, solvation, sweaterd, nousea, vomend, danners and abdominal cramps. IREATMENT, Altopro is the specific therapeuto antigonist of choice against parasympathatic nervous stimulation. If there are signs of parasympathatic stimulation, Atrophie Suttate should be injected at 10-minute elternate, in esses of 1 to 2 milingrams until complete Ampointation has occurred 3-PAM is also analotical and may be administered in conjunction with Atrophie. Morphine is contranscated. Clear chest by postural dramage. Observe patient continuously for 48 hours. Repeated exposure to cholmesterase inhibitors may, without warrang, cause protonged susceptibility to kery small doses of any choknestorace kithibitor. Allowing further exposure until time for cholinesterase regeneration has been obtained as determined by blood test.

See Side Panel For Additional Precoutionary Statements

CARDINAL CHEMICAL COMPANY 1233 E. Beomer Street - Woodland, CA 95776

Mt/t2761-V

PA Reg. No. 5440-121

EPA Est. No. 48498-CA-01

Officetions for Use, configued

STORAGE AND DISPOSAL

Do not conteminate water, food or feed by storage or disposal.

STORAGE: Store product in original container in a cool, dry, looked place out of reach of chadren.

PESTICIOE DISPOSAL Periodis a variety conserver a coulding locations, improper disposal of a receiver access pesticide, eprsy mixture, or recade is a violation of Federal law. If these wastes cannot be disposed of by use eccording to label instructions, contact your State Pesticide or Environmental Control Approxy, or the Hazardous Waste representative at the nearest EPA Regional Office of guidance. CONTAINER DISPOSAL MEAST, legal into pic requirement. The refer to reconficioning, or purchase and capons of in 1 sandary landfel, or by other procedures expressed by state and local pultiments. Passic: Trops fires for equivalent then offer for recycling or reconditioning, or puncture and dispose of in a sanitary briefly or isomeration, or, if allowed by State and local authorises, by burning. If burned, stay out of smoke.

FOR USE IN COMMERCIAL APPLICATION EQUIPMENT: CONVENTIONAL OR ULV FOGGING EQUIPMENT

For control of insects such as: Indian Meal Moth, Red Flour Beetle, Confused Flour Beetle, Saw toothed Grain Beetle. Marchant Grain Boetle, Cigaretta Beetle, Druottore Beetle, and Granary Weavil.

The term inco-pendituble means any raw or processed food lend not subject to rapid decay or detenoration shall would render a unit for consumption.

- Raw commodities would include: Annual feed, coops beans, died beans, grain crops, peanuts, soybeans and nut crops. Raw commodities do not include: each, mix, mext, poutry, fain, fresh fauts and vegetables.
- Processed food/feed would include: four, sugar, coreals, packaged goods and crackers
- Processed food/feed does not include: hurmal-cally scaled foods or manufactured daily products and effect processed toods Foot recovering interests or refrancistant

When used in foodfeed processing foodfeed manufacturing, handling and storage areas: Apply only during times when plant is not in operation and na food-feed product) are exposed. If but, unpathinged bookseed are

Rangued, remove or cover before treatment begins.

All loog feed-processing surfaces should be covered during treatment or thoroughly dispred before using

NOTE-USE IS PRONIBITED IN:

The following foodified manufacturing establishments: bottling plants jinduding wineries, trewenes, soft drinks), tragen food/feed | including pizza plants and for cream plants, encluding non-food manufacturing aleas)

The following feed/feed processing establishments: meal, poultry and snafeed slaughtening and/or packing tients (induding oduble late and ofts), frozen food-feed plants (including first and vegetables), dutry product plants (including milk processing plants) excluding non-food processing areas")

Federally Inspected Meet and Poultry Plants.

"Hon-Fnod-Feed Processing Arizas include afeat such as garbage rooms, lavetones, Soor drains (to sewers entires and vesticules), efficies, locker rooms, machino rooms, boiler rooms, garages, map diosels and storage (sitter canning or bottong)

TREATMENT/REENTRY

Altigraments should be made during the hours when buildings are unoccupied. Buildings treated should be closed and yentallion ept at a minimum during application 4 cos all entrances and do not allow importanted workers to enter buildings during treatment. Place WARNAIG signs at at entrances stating. "THIS BUILDING SHOULD BE OPENED AND AIRED PRIOR TO REENTRY OF UNPROTECTED WORKERS. THIS BUILDING MUST NOT BE ENTERED WITHOUT PERSONAL PROTECTION EQUIPMENT FOR 24 HOURS, OR LIKTH. A DIRECT BIDICATINO SNORT TERM CONCENTRATION MONITORING DEVICE | # 19. 4 Dragger Tube) INDICATES THAT THE DOVE AR CONCENTRATION IS EQUAL TO, OR LESS THAN, 50% OF THE PEL [3.1ppm]: AN AIR CONCENTRATION Of 0.03 PPM OR LESS IS REQUIRED TO REHTRY WITHOUT PERSONAL PROTECTION EQUIPMENT. OD NOT ENTER PRIOR TO _______AM OR PM ON (0.19) NLTHOUT PERSONAL PROTECTION EQUIPMENT UNLESS AIR CONCENTRATIONS OF DOVP ARE 50% OF THE PEL OR LESS."

DRUM HANDLING

(Langle carefully to prevent damage and triatage. Open drums only when set on end and under a ventilated hood or when we tring an approved respirator and appropriate protective clothing. Open burgs slowly to release pressure.

APPLICATION

the case of addication about the 1 to 2 groups of actual Vaccons per 1 000 cubic factor 1/7 to 1 our of board per 1 000 cubic feet. Check amount in insections tank or auxiliary lank before and after treatment to assure proper distage has been applied. Keep a minimum of a T-day interval between applications except on coppa beans and run (unshelled) peanuts where duty applications do not dispeed 0.5 grams A.I. per 1,000 cubic test of headspace. Do not make applications when temperatures are below 60 degrees T

STATEMENT OF WARRANTY AND LIABILITY

Screwarters that this product complete wor the specifications expressed in this label. SELLER MAKES NO OTHER WARRANTIES, AND DISCLAUMS ALL OTHER WARRANTIES, EXPRESS OR WIPLIED, INCLUDING BUT HOT LIMITED TO WARRANTIES OF MERCHANTABULTY AND TITNESS FOR THE INTENDED PURPOSE Sector's kingsing for delaws, breach or labor under throughed shall be timbed to the amount of the purchase price. Seller shall have no habitly for consequential damages.

PROTECTING THE FOODS THAT FEED THE NATION

Please read instructions on t	everse before complet	ing form.		Form Approved.	OMB No. 2070	0-0060, Ap	proval ext	lres 2-28-95		
SEPA	Environmental	nited States Protection Angton, DC 20460	Agency		Registratio Amendmei Other	111	1dentifier 2301			
		Application f	or Pesticid				17,	. 1 -1 -		
1. Compony/Product Number	······································	-тррисацоп т		oduct Manager		3. Propose	d Clossific	eation		
5440-121				ge LaRocc	a	·				
4. Company/Product (Name) CARD-O-VAP 8			PM# (13			X Non	' Ш ———	Restricted		
5. Nome and Address of App Cardinal Chem P. O. Box 782 Hollister, CA	ical Company		(b)(i), my to:	dited Review. product is simi g. No						
X Check if this	is a new address		Produc	t Name	***************************************					
		,	Section - II			N otific	ATION			
Amendment - Exploin below. Resubmission in response to Agency letter dated				Final printed (abel: Agency (atter dete "Me Too" Applice Other - Exploin be	s in response to ad Ition.		2 1999			
Explanation: Use additional page(s) if necessary. (For section Land Section IL.) Notification per PR Notice 98-10. In accordance with 40 CFR 152.122, we are notifying EPA of a change in mailing address to the above, and a change in designated agent to the undersigned. Please direct all correspondence and notices for Cardinal Chemical Company, Company Number 5440, to my attention at this address. Labeling will bear the street address where product is kept: 1233 E. Beamer Street, Woodland, CA 957						illing i. ny, r the				
		5	ection - III							
1. Motorial This Product Will	Be Peckeged In:					·				
Child-Resistant Packaging Yes* X No Prtification must be submitted	Unit Packaging Yes X No If "Yes" Unit Packaging wgt.	No. per	Yes X No "Yes" ackage wgt	No. par conteiner	X P	nteiner fetal lastic loss oper lther (Specif	'y)			
3. Location of Nat Contents	Information	4. Size(s) Retail C	onteiner	5 <u>. Lo</u> c	L cation of Label D	Directions				
Lebel X c	ontainer	1, 2-½, 5	, 30, 55	-gal.	On Labeling	accompany	ing produ	ct		
6. Manner in Which Label is	Affixed to Product	Lithograph Y Popor gluo Stenciled	d	Other				-		
			Section - IV	7		,				
1. Centect Paint (Complete	items directly below f	ar identification of	individual to ba	contacted, if nec	essary, to proce	ss this appl	cation.j			
Nomo Mardel Belotins	Nome Mardel Belotinsky Title Regulatory Affairs Special Tolephone Now include Area Code) (831) 637-0273									
Certification I certify that the statements I have made on this form and all etter I acknowledge that any knowlngly loise or misleading statement m both under applicable low.					urate and comple	6: 0	Osto Applic Rocoived (Stam	cotion		
2, Signatura Model Re	totind	3. T Re:		Affairs S	Specialis	t :	•••	*****		
4. Typed Nome Mardel Belotins	sky	5. D Oc		, 1999		:	ber 26, 1999			



HOTIFICATION

PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS: DANGER

FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN, RAPIOLY ABSORBEO THROUGH THE SKIN, REPEATED INHALATION OR SKIN CONTACT MAY WITHOUT SYMPTOMS. PROGRESSIVELY (NCREASE SUSCEPTIBILITY TO OICHLORVOS (ODVP) POISONING. DO NOT SWALLOW OR GET IN EYES, ON SKIN OR ON CLOTHING. DO NOT BREATHE VAPORS. DO NOT CONTAMINATE FOOO OR FEED PRODUCTS

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are fated below If you want more options lottow the instructions of category "C" on an EDA chemical sesistence category selection chart in the Worker Protection

- Applicators and other Handlers Must Wear
 Coverads over long-stooved aren and long parits
- Chemical-resistant places such as Somer Leminata, Butys Ructor, Hitele
- Rubber, Heoprene Rubber, Polyveryl Chloride or Vison
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant agron secured for micinalloading and cleaning
- Respirator with either an organic vapor semoving Ohi carthdge with e-presides approved for pesticides (MSHA/NIOSH approval number orefix TX-23C(or a carriator approved for postcodes (MSRANIOSH approval number TC-14GI
- Discard claiming and other absorbers spaterials that have been drenched or heavily contaminated with this product's concentrate, de not seuse them
- Follow manufacture's strengtions for cleaning/maintaining PPE. If there
- are no such instructions for washables, use detergent and hot water
- Keep and wash PPE separately from other foundry

ENVIRONMENTAL NAZARDS

This product is foxic to Fish, Birda, and other widtle. Neep out of any body of water. Do not contaminate water by deaning of equipment or dispose of eculpment washwaters. Apply this product only as specified on this label filor for use or storage in or around the home

PHYSICAL/CHEMICAL HAZARDS

Do not use or store near heat or open figure. Do not apply this product in or on electrical equipment due to the possibility of shock hazard

DIRECTIONS FOR USE

III is a violation of Federal law to use this product in a manner inconsistent with its

FOR SALE TO, USE AND STORAGE BY COMMERCIAL AND INDUSTRIAL APPLICATORS ONLY

FOR USE IN WARENOUSES, SILOS, BUILK BINS AND FOOD/FEEO PROCESSING. FOOO/FEED MANUFACTURING, NANOLING AND STORAGE PLANTS CONTAINING NON-PERISHABLE, PACKACED OR BAGGED RAW OR PROCESSED FOOD/FEED COMMODITIES OR BULK RAW OR PROCESSED FOOD COMMODITIES

ACTIVE INGREDIENTS

2,2-dichlorovinyl dimethyl phosphate* (Dichlorvos, DOVP) 7.44% Related Compounds 0.56% **INERT INGREDIENTS**** 92.00%

* Equivalent to 8% Vopona Insecticide





t00.00%

KEEP OUT OF REACH OF CHILDREN

DANGER



PELIGRO

STATEMENT OF PRACTICAL TREATMENT

- 6 SWALL J GEO. Call a physician by Person Control Control immediately. Because of approximant control to not induce your king. unless under direct medical supervision. Do not induce vornising or give anything to an unconscious person
- IF WHALEO Remove worm to heather. Apply and confrequences it norcaled
- If It's SX:15 Remove contaminated clothing and wash affected wrets with scop and natur If the EYES Flush byes with planty of water. Call a physician stone anely
- 41/100 FE AND FIRST AND TREATMENT ATROPHIS IS the emergency endower. CALLAPHYSICIAN MAMEDIATELY HIALL CASES OF SUSPECTED POISONING. Keep patient prace and quest. Start and coll respiration Y patient to not breathing. Transport the patient immediately to the nearest physician
- 1601E 90 PHM5 CAN SYMPTOMS Symptoms include weakness, headachs lightness is chief blurred scon, non-reactive personal public sciencial, sections, massars, market, distributed and abdomn simple. INEAN Abparies it is specific therefore personal public science are specific personal public science and personal properties of the personal public science are specific personal properties of the personal personal personal public science and personal Altopone is the specific Absoprie Suitale should be injected at 10-minute intervals, indexes of 110.2 (2.PAM is also antitotal and may be elementared in conjunction with Allopine. Mitripline is confraindicated. Clear criest by postural dramage. Observe patient continuously for 43 hours. Repeated exposure to photonesterase inhibitors may, without working, cause prelonged susceptibility to very small doses of any chokhesterase residion. Allow no further exposure until time to

chalmasterase segeneration has been allowed as delimined by blood test.

See Side Panel Tor Additional Precautionary Statements.

CARDINAL CHEMICAL COMPANY 1233 E. Beamer Street - Woodland, CA 95776

EPA Reg No 5440-121

EPA Est. No. 48498-CA-01

STORAGE AND DISPOSAL

Olrections for Use, continued

Og not contaminate water, food or feed by storage or disposal.

STORAGE: Store product in prignal container in a cook dry, locked place but of reach of children. PESTICIDE DISPOSAL: Pesticide esistes are sourcey hazardous, languages disposal of expess posticide, spray mixture, or missing

is a wickgion of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide of Environmental Control Agency, or the Nazardous Yiloste representative at the nearest EPARegional Office for guidance.

CONTAINER DISPOSAL. Metal Trols inside for equivalent). Then offer for reporting or reconstancing, or practice and disposes of an a sansing lands, or by other procedures approved by state and local authorities. Plants Triple inner for equivalent). Then enter for recording or reconditioning, or purious saind dispose of in a sentary landful or increasion, or, if allowed by State and local authorities, by burning. If burned, atry out of smoke

FOR USE IN COMMERCIAL APPLICATION EQUIPMENT: CONVENTIONAL OR ULV FOGGING EQUIPMENT

For control of injects such as: Indian Mesi Moth, Red Flour Beetle, Confused Flour Beetle, Saw-toothed Grain Beetle, Merchant Grain Beetia, Cigeretto Beetia, Drugstore Beetle, and Granary Weavil.

The term "non-perchapte" means any law or processed loodified not subject to rapid docay or determination that would render a

- Raw commodition would include: Annal feed, occor bears, dried bears, creat cross, pearuts, ecross and rus cross
- Row commodities do not include: eggs, mix, meat, powity, fish, tresh huds and segetables. Processed togetied would include: flow sugar careats, packaged goods and gradiers.
- Processed toodified dose not include: harmourally tooled boots or manufactured dary products and other processed loads
- feed requiring treezing or retriggration. When used in foodsteed processing, toodsteed manufacturing, handling and alorage areas:
- exposed, semove or cover before treatment begins
- Apply only during times when plant is not in operation and no roccined products are exposed. If built, unpackaged toocheed are
- All food/feed-processing surfaces should be covered during treatment of thoroughly desired before using

NOTE-USE IS PRONIBITED IN:

- The following feedfreed manufacturing establishments: bottong plants (including windres, O'reveries, 60% drinks), frozen tood/sed (including pizza plants and ice cream plants, excluding non-look manufacturing steasy

 The lattering tood fixed processing selebijshments; meat, pourly and seasood situationing and/or packing plants (including
- edate less and oils) frozen toodised plants snowing trust and vegetabless, daily product plants (including milk processing plants. exclusing non-food processing areas")
- Federalty inspected Meat and Poultry Plants.
- "Non-ToodFeed Processing Aleas include areas such as garbage rooms, lavatories, floor drains life sewers entires and vestibules). offices, locker rooms, machine rooms, zorier sports, garages, mop closets and storage letter carriery or boolings.

 TREATMENT/REENTRY

All treasments should be made during the hours when buildings are unoctupied. Buildings it saled should be Closed and ventilation sign as a minimum during application. Lock as entrances and do not above unprecision workers to enter busings during seasons. Place VARWING wors graf or transportance, "THIS BUILDING SHOULD BE OPENED AND AIRED PROR TO REE workers. This building must not be entered without personal protection equipment for 24 hours; or UNTH, A DIRECT INDICATING SHORT TERM CONCENTRATION MONITORING DEVICE (e.g. a Drapper Tubel INDICATES THAT
THE DDYP AIR CONCENTRATION IS EQUAL TO, OR LESS THAN, 59% OF THE PEL (3.160ml); AN AIR CONCENTRATION OF 6.65 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT PERSONAL PROTECTION EQUIPMENT. DO NOT ENTER PRIOR TO AM OR PM ON ID-NO WITHOUT PERSONAL PROTECTION EQUIPMENT UNLESS AIR CONCENTRATIONS OF DOVP ARE 50% OF THE PEL OR LESS."

DRUM HANDLING

Handle carefully to prevent damage and leakage. Open draws only when soli on end and under a vertilated hood or when we oring an approved respirator and appropriate protective dollring. Open burgs slowly to revesse pressure

APPLICATION

The late of approximal should be 1 to 2 grams of actual Vapons per 1,000 cubic feet or \$12 to 1 oct of kguid por 1,000 cubic feet. Check amount in west code feet, or quinking stark before and after treatment to assure proper dosage has been appear. Keep a minimum of a T-day interval between applications except on cocks beans and raw functionally peakuts where daily applications do not exceed 0.5 grams A.) per 1,000 cubic test of headspace. Do not make applications when temperatures are below 60 degrees T

STATEMENT OF WARRANTY AND LIABILITY

Serior warrants that this product compless with the appointment is operated in this label. SELLER MARTS NO OTHER WARRANTIES AND DISCLAMED ALL OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING BUT NOT LIMITED TO TYARRANTIES OF MERCHANTABILITY AND TIMESS FOR THE STEMOSO PURPOSE. So in stability to column breath or take under one used and be limited to the ecrosist or the purchase price. Sofer shall have no liability for consequential damages

PROTECTING THE FOODS THAT FEED THE NATION

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

NOTIFICATION NOV 1 2 1999

FEB - 9 1999

Ms. Mardel Belotinsky Cardinal Chemical Company P.O. Box 782 Hollister, CA 95024-0782

Dear Ms. Belotinsky:

Subject: Amendment - Revise Confidential Statement of Formula

Card-O-Vap 5

EPA Registration Number 5440-120

Card-O-Vap 8

EPA Registration Number 5440-121

Your submission dated January 29, 1999

The amendments referred to above, submitted in connection with registrations under FIFRA section 3(c)(7)(a), are acceptable and each revised Confidential Statement of Formula has been added to the appropriate product's registration file.

Sincerely,

George T. LaRocca Product Manager 13 Insecticide/Rodenticide Branch Registration Division (7505C)

Please read instructions on i	reverse before completing form.			Form Appre	oved,	. OMB No. 2070	0-0060	. Approvel expires 2-28-95	
United States				Γ		Registratio	n	OPP Identifier Number	
ŞEPA	Environmental Protection Agency Woshington, DC 20460					Amendme	nt	230081	
	Application	on for F	Pesticide	- Secti	on	<u> </u>			
1. Compony/Product Numbo			<u> </u>	duct Manaç		:	3. Pro	posod Classification	
5440-121	······································		Georg	ge LaRo	occ	a	X	None Restricted	
4. Compeny/Product (Nemo) Card-O-Vap 8			PM# Q 3				<u> </u>		
5. Name and Address of Applicant <i>Includo ZIP Codo)</i> Cardinal Chemical Company P. O. Box 782 Hollister, CA 95024-0782			6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No.						
Check if this	is a now address		Product	Name		***************************************			
		Sec	tion - II	"					
X Amondment - Explain	n below.			inel printed gency lette		s in response to			
Resubmission in resp	ionse to Agency letter dated		- ∐ ¹	Me Too" Ap	pplice	stion.			
Natification - Explain	bolow.		°	ther - Expla	sin be	low.			
Explanation: Uso additional page(s) if necessary. [For section ! and Section !!.] Minor Formulation Amendment per PR Notice 98-10: adding and/or substituting inert ingredients used as solvents (see letter attached).									
		Sect	ion - III						
1. Material This Product Wil	Be Packaged in:								
Child-Resistant Packeging Yos* X No rtification must	Unit Pockoging Yes X No If "Yas" No. per Unit Packoging wgt. container	X N "Yes	If "Yes" No. per Peper				lotal lastic loss oper	pocifyl	
be submitted			1						
3. Location of Net Contonts	information 4. Size(s) Recontainer 1; 2.5; 5				5. Lo	cation of Label (On Label On Labeling		ns panying product	
6. Manner in Which Label Is	Affixed to Product Lithe Pape	graph r glued ciled		Other					
			ion - IV						
1. Contoct Point (Complete	itoms directly below for identificat	ion of indiv	idual to be o	contacted, i	if noc	assary, to proce	ss this	application.)	
Nome Mardel Beloti:	nsky	Tido Regul	atory	Affair	s S			Ne#(Include Area Cotle) . 332) • 637 - 0195	
I cartify that the state I acknowledge that a both under applicable					ota.	6. Doto Application Received (Scamped)			
	Belstinolog	3. Title Regul	ılatory Affairs Specialist					:	
4. Typod Namo Mardel Beloti:	nsky	5. Date 1-29-	-99 ·····					• • • •	

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Sand comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affeirs, Office of Management and Budget, Washington, DC 20803.

INSTRUCTIONS: This form is to be used for all applications for new registration, and use reregistration, emendment, resubmission, to applications for natifications, final printed lebaling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

- 1. Cartification with Respect to Citation of Data (EPA Form \$570-29). [If not exempted by 40 CFR t52,8t (b) (4]];
- 2. Confidential Statement of Formula (EPA Form 8570-4);
- 3. Formulator's Examption Statement [EPA Form 8570-27];
- 4. Five copies of draft lebeling:
- 5. Three copies of any dota submitted;
- 6. Authorization latter where applicable;
- 7. Matricos whare opplicable.

Submission of Lobeling - Lobeling should first be submitted in the form of draft lobels with all applications for new registration. Such draft labels may be in the form of typed lobel text on 8.5 x 11 inch paper for submission or a mackup of the proposed lobel. If prepared for mackup, it should be constructed in a way as to facilitate storage in an 8.5 x 11 inch file. Mackup labels significantly smaller than 8.5 x 11 inch as should be mounted an 8.5 x 11 inch paper for submission.

Submission of Data - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5,

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Black A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended reregistration actions, resubmicsions, notifications, recognistrations, etc., Sections I, II, and IV must be completed by the applicant.

Block A - Check the appropriate action for which you are submitting this form.

SECTION 1 - This section must be completed, as applicable, for all registration actions.

- 1. Company/Product Number Insert your Company Number, If one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
- 2. EPA Product Manager If known, fill in the name and PM number of the EPA Product Manager.
- 3. Proposed Classification Specify the proposed classification of this product.
- 4. Product Name Enter the complete product name of this posticide as it will appear on the label. The name must be specific to this product only, Duplication of names is not permitted among products of the same company. Do not include any broad name or company line designations.
- 5. Nome and Address of Applicant Tiro name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an outhorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
- 6. Expedited Roview FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amondments to existing registration that are similar or identical to other postiside products that are currently registered with the EPA. In order for your application to be aligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and lobeled uses.

SECTION II - This section must be completed for all applications submitted to amond the registration only of a currently registered product [Amandment], for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that partoins to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. Subject of submission - Check tire applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, past or crop (specify)"; "amond the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

SECTION III | Packaging and Containor information) - This Soction must be completed for all applications submitted in connection with new registrotion or applicable amandments.

- t. Type of Peckeging Clrock the appropriate block if your product will be peckeged in the indicated packaging types.
 Indicate the size of the individual packets and number per retail container.
- 2. Jame of Retall Contener Indicate type of container in which product will be marketed.
- 3. Location of Net Contents Indicate the location of the net contents information for your product.
- 4. Size(s) of Rotal Container Specify the not contents of all retail containers for your product.
- 5. Logation of Use Directions Indicate the location of the use directions for your product.
- 6. Manner In which tabel is affixed to product Indicated the mothod product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., now products registration, resubmission, "me-too," isrogistration, etc.

- 1-5. Salf-explanatory. .
- 6. EPA Use Only....

Product ingredient source information may be entitled to confidential treatment

Inert ingredient information may be entitled to confidential treatment



January 29, 1999

PROTECTING THE FOODS THAT FEED THE NATION

1933 E. Beamer St. Suite G Woodland, CA 95776 (916) 666-1288 (800) 715-1777

which in both

Minor Formulation Review Coordinator Registration Support Branch Office of Pesticide Programs (AMEND) U. S. Environmental Protection Agency 401 M Street, S.W. Washington, DC 20460-0001

Re: Card-O-Vap 5, EPA Reg. No. 5440-120 Card-O-Vap 8, EPA Reg. No. 5440-121

To whom it may concern:

Enclosed, please find the following for each of the above-referenced products:

- EPA Form 8570-1
- 2. CSF for existing formulation (1 copy)
- 3. CSF for proposed formulation (2 copies)

Also included is the manufacturer's MSDS for

cases we wish to use instead of the this change are 1)

In the case of Card-O-Vap 5, we are also adding as an inert. All inerts are used as solvents.

In addition, I am enclosing a letter from U. S. EPA to stating that the ingredients in are considered to be exempted from the requirements of a tolerance under 40 CFR §180.1001(d) and (e); as well as a letter from who purchases and resells the product under their trade name of

I believe these changes will qualify for accelerated review since we are only adding and/or substituting inert ingredients, and the nominal concentrations of active ingredient do not change. If there is anything else you need to process these amendments, please contact me at your carliest convenience at (831) 637-0195. Thank you.

Sincerely,

Mardel Belotinsky

Regulatory Affairs Specialist

Pelstinde

3-5-99 syp# 23008/ 556349

FRONT END PROCESSING APPLICATION INFORMATION CHECK

PM	
epa company number 5440 -/	2/
EPA REGISTRATION NUMBER STATUS (FOR AMENDMENTS)	Active Cancelled
	Not in REFS
"ME-TOO" CITED PRODUCT STATUS	Active Cancelled
	Not in REFS
PRAT RECORD CREATED	

AMENDMENT

APPLICATION FOR AMENDMENT						
WITH DATA	NO DATA					
INIT. DATE	INIT DATE					
FEU	FEU <u>Lev</u> 2-5-99					
SIG (DATA)	PM 203					
PM	•					



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

02/05/99

MARDEL BELOTINSKY CARDINAL CHEMICAL CO P.O. BOX 782 HOLLISTER CA 95024

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

PRODUCT NAME: CARD-O-VAP 8

COMPANY NAME: CARDINAL CHEMICAL CO

OPP IDENTIFICATION NUMBER: 230081 EPA REGISTRATION NUMBER: 5440-121

EPA RECEIPT DATE: 02/03/99

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Insecticide Branch, Product Manager 03, at (703) 305-6891.

Sincerely,

A.Wing

Front End Processing Staff Information Services Branch

Information Resources and Services Division

\$EPA	Environmental Washii	nited States Protection ngton, DC 20460			х	Registration Amendme Other	n	OPP Idontifior Number 230059	
		Application				<u> </u>			
1. Company/Product Numbe	t			Product Mon	-	•	3. Pro	posed Clessification	
5440-121 4. Company/Product (Name)			PM#	rge LaR	occ	<u>a</u>	Х	Nono Restricted	
CARD-O-VAP 8	,		13						
Cardinal Chemical Company			(b)(i), i to:	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No					
Check if this	is a naw addross		Prode	uct Name					
			Section -	11					
Amondment - Explain	n below.					is in response to	Ŋ.	OTIFICATION	
Rosubmission in resp	onse to Agency letter	dated		Agency lot "Me Too"			J	UN 2 6 1998	
Notification - Explain	below.			Other - Exp	oloin b	elow.	·	2 0 1770	
Notification of minor label changes, such as address, establishment and format. Also correction of typos and printing errors, which do not require notification. This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product.									
			Section -	111					
1. Material This Product Wil	Unit Packaging		Water Solubie	Dockering	······································	2. Type of Co	stala.		
Child-Resistant Packaging Yos* X No Certification must be submitted	Yes X No If "Yes" Unit Pockoging wgt.	No. per	Yes X No If "Yos" Pockego wgt	No. por contains) 	X N X P	Metal fostic floss aper Other (S	pocily)	
3. Location of Net Contents	Information	4. Sizo(s) Retail	Containor	<u></u>	5, L	ocation of Labol	Directio	ns	
Lobel X	Container	1, 2.5, 5	30 &	55-ga.			occom	panying product	
6. Monner in Which Lobol is	Alfixed to Praduct	Lithogrop Paper glu Stonciled	h ed	Othe	01				
			Section -	IV					
1. Contact Point (Complete	itoms directly below t	for identification d	of individual to	be contocted	, if no	cossary, to proce	ss this	application.)	
Nomo Mardel Beloti	nskv	Ti	Megula Specia	atory A	ffa	***	lephon (08)	8 No. (lastude Area Code) 637-0195	
I cortify that the state I seknowledge that of both under opportunities	On attachments t	hereto ore tri		curota and comp		6. Qato Application Received (Stamped)			
2. Signisturo	Va		Titlo			. " "			
Table Nome	less		Registra Doto	tion Ma	nag	er		••••	
Stan Iversen			5/17/98					SIG 116 98	

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and mainteining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chlof, Information Policy Brench, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

INSTRUCTIONS: This form is to be used for all applications for new registration, and use raregistration, amendment, resubmission, to applications for notifications, final printed lebeling, raregistration, otc. In order to process on application for a new registration submitted on this form, the following material must accompany the application:

- 1. Certification with Respect to Citation of Data (EPA Form 8570-29). Iff not exempted by 40 CFR 152.81 (b) (4));
- 2. Confidential Statement of Formula IEPA Form 8570-4;
- 3. Formulator's Exemption Statement (EPA Form 8570-27);
- 4. Five copies of draft labeling;
- 5. Three copies of any date submitted;
- 6. Authorization lotter where applicable;
- 7. Motricos where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may in the form of typed labels to the proposed label. If prepared for mockup, it should be constructed the way as to feellitate storage in an 8.5 x 11 inch file. Mackup labels significantly smaller than 8.5 x 11 inches should be mounted on 8 x 11 inch paper for submission.

Submission ஆட்டுவத் - இவக்கம்bmitted in support of this application must be submitted in accordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended reregistration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.

Block A - Check the appropriate action for which you are submitting this form.

SECTION I - This section must be completed, as applicable, for all registration actions.

- t. Company/Product Number Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an astablishment. If your product is registered, insert the Product Number.
- 2. EPA Product Monager If known, fill in the name and PM number of the EPA Product Monager.
- 3. Proposed Classification Specify the proposed classification of this product.
- 4. Product Name Enter the complete product name of this posticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
- 5. Name and Address of Applicant The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are ecting in behalf of enother party, you must submit authorization from that party to act for them in registration metters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The nome and complete mailing address of such an agent must accompany this application.
- 6. Expedited Review FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registration, that are similar or identical to other posticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to smend the registration only of a currently registered product [Amondment], for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for registration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

5. Subject of submission - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explenation of the purpose(s) for the submission, such as "the addition of a site, past or crop [specify]"; "amond the Confidential Statement of Formule by..."; "rangistration submission"; "agon field lobel revision of use directions." Attach a separate page if additional space is needed.

SECTION III (Pockesing and Contoiner Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amondments.

- t. ৰপুৰু 🛎 Packaging Check the oppropriate block if your product will be packaged in the indicated packaging types. andicate the size of the individual pockets and number per retail container.
- 2. Type of Retail Container indicate type of container in which product will be marketed.
- 3. Logation of Net Contents Indicate the location of the nat contents information for your product, and
- 4. Size(s) of Retail Container Specify the net contents of all retail containers for your product.
- 5. Location of Use Directions Indicate the location of the use directions for your product.
- 6. Manner in which label is affixed to product indicated the method product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, me-toc, recgistration, otc.

- 1-5. Self-explanatory.
- 6. EPA Use Only.

EPA Form 8570-I Section II Explanation, continued

I understand that it is a violation of 18 USC Sec. I00I to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections I2 and 14 of FIFRA.





PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS: DANGER

FATAL IF SWALLOWED, INHALED OR ABSORBEO THROUGH THE SKIN, RAPIDLY ABSORBEO THROUGH THE SKIN, REPEATED INHALATION OR SKIN CONTACT MAY WITHOUT SYMPTOMS. PROGRESSIVELY INCREASE SUSCEPTIBILITY TO OICHLORVOS (DDVP) POISONING, DO NOT SWALLOW OR GET IN EYES, ON SKIN OR ON CLOTHING, DO NOT BREATHE VAPORS, DO NOT CONTAMINATE FOOD OR FEED PRODUCTS.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are tated below If you want more options follow the instructions of category "C" on an EPA chemical resistance category selection chart in the Worker Protection

- Applications and other Handlers Most Water;
 Coversits over long-aboved shirt end long pants
 Chemical-resistant gloves such as Barrier Laminate, Butyl Rubber, Natio
- Rubber, Neoprene Rubber, Polyvinyl Chloride or Vison
- Chemical-resistant factween plus accks.
- Protective evenues
- Chemical-resistant headgest for overhead exposure
- Chemical-resistant agreen required for mining/loading and cleaning powerters
- Respirator with either an organic vapor removing ON castridge with a prefitter approved for posticides IMSHARROSH approval number prefix TX-23C) or A canister approved for posticides IMSHARROSH approval number
- Discard sighting and other absorbert materials that have been drenched or heavily conteminated with this product's concentrate; do not reuse them. √ Follow manufacture's instructions for cleaning/maintaining PPE. If there
- are no such instructions for washables, use detergent and not water. \checkmark Keep and wash PPE separately from other loundry

ENVIRONMENTAL HAZAROS

This product is toxic to Reh, birds, and other widtle. Keep out of any body This product is found in the price, and other whome. Keep out of any body of whiter On and contaminate water by cleaning of equipment or disposal of equipment wrating faces, aboy this product on a specific by the product of the pro

Do not use or store near heat or open fame. Do not apply this product in or on electrical equipment due to the possibility of shock hazard.

*** DIRECTIONS FOR USE.

It is a violation of Federal law to use distripted its the results inconsistent with its tabeling.

CARD-O-VAP 8

FOR SALE TO, USE AND STORAGE BY COMMERCIAL AND INDUSTRIAL APPLICATORS ONLY

FOR USE IN WAREHOUSES, SILOS, BULK BINS AND FOOD/FEED PROCESSING, FOOO/FEED MANUFACTURING, HANDLING AND STORAGE PLANTS CONTAINING NON-PERISHABLE, PACKAGEO OR BAGGEO RAW OR PROCESSED FOOD/FEED COMMODITIES OR BULK RAW OR PROCESSED FOOD COMMODITIES

ACTIVE INGREDIENTS

2,2-dichlorovinyl dimethyl phosphale* [Dichlorvos, ODVP) Related Compounds

7.44% 0,55%

INERT INGREDIENTS**

92.00% 100.00%

Equivalent to 8% Vapona Insecticide

"Contains Petroleum Oistillates

KEEP OUT OF REACH OF CHILDREN

DANGER



PELIGRO

STATEMENT OF PRACTICAL TREATMENT

1º SWALLOWED: Case physician or Poison Control Center immediately, Because of expiration potential, do not induce your ting. univers under direct medical supervision. Do not induce vernions or give snything to an unconscious person.

IF WHALED: Remove victim to keen or. Apply entitical respiration, districted

IF ON SIGN. Records contaminated cloting and wash distored areas with poop and water IF NE YES! Flash type with plenty of water. Call a physician immediately. ANDODE AND PIRST AND TREATMENT ATROPHIE is the temperacy an the patient immediately to the nearest chroician.

NOTE TO PRYSICIAN: SYMPTOMS: Symptoms include weakness, headache, bijeness in chest, blurred vision, con-reactive pin-point pupils, seasonion, executing, needed, northead of deather and abdominat cramps. TREATMENT: Altrophe is the specific Exercised antisported of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, bestpeaks analysis of choose appared persymptoment network iteration. If there are supported analysis is included, at 19 miles of the properties and the course of the properties of paragraphysis is contained and a course 2-Pg/R is also disclosured in the properties of the propertie

CARDINAL CHEMICAL COMPANY

40 Ne Eost St., Stc. 207 - Woodland, CA 95776-5922

EPA Reg. No. 5440*124

EPA Est. No. 48498-CA-01

PROTECTING THE FOODS THAT FEED THE NATION

Directions for Use, continued

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal

STORAGE: Store product in original container in a cool, dry, locked place out of reach of children

PESTICIDE INSPOSAL: Pesticide wastes are soutely hazardous. Improper disposal of excess posticide, spray makine, or impasts is a violation of 7 scenal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Reported Office for guidance CONTANIER DISPOSAL. Metal: Trick inne per equivalent; Then offer for recycling or reconditioning, or purchase and deposes of in a servinary landful, or by other procedures approved by sate and local authorises. Pleaset. Trole rince per equivalent; Thon offer for recycling of reconditioning, or puncture and disposa of in a sentary landful or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

FOR USE IN COMMERCIAL APPLICATION EQUIPMENT: CONVENTIONAL OR ULY FOGGING EQUIPMENT

For control of insects such as: Indian Meal Moth, Red Flow Beetle, Confused Flow Beetle, Saw-toothed Grain Beetle, Merchant Grain Beetle, Cigarette Beetle, Drugstore Beetle, and Grenary Wesvil.

The term "non-perishable" means any raw or processed foodfised not subject to rapid decay of deterioristics that would render a unts for consumption

- Raw commodities would include: Annual feed, cocce beans, dred beans, grain crops, peanus, scybeans and mailtrops
- Raw commodifies do not include: eggs, mile, most, poutry, fich, fresh fruts and regetables. Processed food/feed would include: flour, sugar, coresis, packaged goods and crackers.
- Processed Tood/feed does not include: hermitically sealed toods or manufactured dairy products and other processed tood/ load requiring treazing or refrigeration
- When used in foodfeed processing, foodfeed menufecturing, handling and elorage ereas:

 Appyoral damp times when place a not in operation and no locatived products are exposed. Intellig. unpackaged foodfeed are exposed, remove of control before treatment begins.

AS food/seed-processing surfaces should be covered during treatment or thoroughly cleaned before using

NOTE-USE IS PRONIBITED IN:

- The following foods@eed manufacturing establishments: botting plants including winenes, brawenes, soft draws | troops Isodifed (including pizza plants and ice cream plants, excluding non-food manufacturing even)

 The following food/feed processing establishments: mest, poutry and seafood stoughtering and/or packing plants including
- edible first and olds), frozen foodfleed plants (including fruit and vegetables), dairy product plants (including milk processing plants, Archolog non-food processing areas")
 Federally Inspected Meet and Poultry Plants.

"Non-Food/Feed Processing Areas include areas such as garbage rooms, lavatones, floor drains (to sewers entires and yearbures), Offices, focker morns, machine morns, boiler rooms, garages, map closets and storage (after canning or botting)

TREATMENT/REENTRY

All treatments should be made during the hours when publings are unoccupied. Buildings treated should be closed and versious. hept at a minimum during application. Lock as entrances and do not allow unprotected workers to enter buildings during treatment. Place VANDAING aignate all entrances stating. "THIS BUILDING SHOULD BE OPENED AND AREAD PRIOR TO REENTER OF OWN-POTTECTED WORKERS." THIS BUILDING MUST NOT BE ENTERED WITHOUT PERSONALL PROTECTION ECUPHENT FOR 24 HOURS; OR, UNTIL A DIRECT INDICATING SHORT TERM CONCENTRATION MONITORING DEVICE [1:0] = Desegre Tube | INDICATES THAT THE DOUP AIR CONCENTRATION IS EGUAL. TO, OR LESS THAT THAN, 35% OF THE PEL [16] IPPM; AM AIR CONCENTRATION OF 6.05 PPM OR LESS IS REQUIRED FOR REINTAY INTIOUT PERSONAL PROTECTION EQUIPMENT. DO NOT ENTER PRIOR TO AM OR PM DX (Date) WITHOUT PERSONAL PROTECTION EQUIPMENT UNLESS AIR CONCENTRATIONS OF DOVP ARE

DRUM HANDLING

Handle carefully to prevent damage and leakage. Open drums only when set on end and under a verofeted hood or when watering an approved respirator and appropriate protective ciothing. Open bungs allowly to release pressure.

APPLICATION

The rate of application should be 1 to 2 grains of actual Vispona per 1,000 cubic feet or 1/2 to 1 oc of liquid por 1,000 cubic feet. Check amount in insecticide tank or aussless tank before and other treatment to assure proper disease has been applied. Keep a minimum of a 7-day interval between applications except on occas beans and raw (unstrated) peacute where daily applications do not **xcrost D.S grams A.I. per 1,000 cubic feet of headspace. Do not make applications when temperatures are below 60 degrees F STATEMENT OF WARRANTY AND LIABILITY

Sefer warmers that this product compley with the specifications expressed in this label. SELLER MAKES NO OTHER WARRANTES, AND DISCLAMES ALL OTHER WARRANTES, EXPRESS OR MAPPLEO, INCLUDIO BUT NOT LIMITED TO WARRANTES, MERCHANTES, EXPRESS FOR MAPPLEO, INCLUDIO BUT NOT LIMITED TO WARRANTES, ENGRES AND MAPPLEO, INCLUDIO BUT NOT LIMITED TO WARRANTES, ENGRES AND MAPPLEO, INCLUDIO BUT NOT AND LIMITED TO WARRANTES. THE REPORTED PURPOSE. Seems a tablety for default, breach or favore undor for the undor for the product control of the product of the pr be kinded to the emount of the purchase price. Selecishat have no kability for consecutated damages

MP-32517-V



PROTECTING THE FOODS THAT FEED THE NATION

1233 E. Beamer St. Suite G Woodland, CA 95776 (916) 666-1288 (800) 715-1777

June 16, 1998

Mr. George LaRocca, PM #13 Document Processing Desk (NOTIF) Office of Pesticide Programs (7504C) U.S. Environmental Protection Agency Room 266A, Crystal Mall 2 1921 Jefferson Davis Highway Arlington, VA 22202

Re: CARD-O-VAP 8, EPA Reg. No. 5440-121

Dear Mr. LaRocca:

This is to notify you of corrections to the label of the above-referenced product. The corrections include minor changes, such as address, change of establishment, and typographical errors. We have also made a few format changes to make it easier to read. Enclosed, please find EPA Form 8570-1 and a copy of the label with the corrections highlighted.

This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 USC Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and 1 may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Sincerely,

Stan Iversen

Registration Manager

SI:mb

Enclosures

Please no instructions	on roverse before complo	ting form.		Form App	roved	. OMB No. 207	0-0060	. Approval expires 2-28-95	
o FDA	United States Environmental Protection Agent Washington, DC 20460					Registration		OPP (dentifier Number	
WEITA				ncy An			nt	230053	
		Application f	or Pestici	de - Sect	ion				
1. Company/Product Nu	mbor			Product Man	-	Silain	3. Pro	posed Classification	
5440-121				orge La	Roc	ca	Гx	None Rostricted	
4. Company/Product (No CARD-O-VAP			PM#						
5. Namo and Address of	Applicant <i>(Include ZIP Co</i> temical Company	de)	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)						
P. O. Box 7		,	(b)(i), r	ny product i	s sim	ilar or identica	in cor	nposition and labeling	
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1. Contact Point (Com)	oleto itoms directly below	for identification of	'individual to I	e contected,	if nec	cossory, ta proc	es this	application.)	
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Stan Iversen	ı	4/	2/98						

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to avarage 0.85 hour per response, including time for reviewing instructions, searching existing dote sources, gathering and maintaining the dote needed, and completing and reviewing the collection of information. Sand comments regarding the burden estimate or any other espect of this collection of information, including suggestions for reducing this burdon, to Chief, Information Policy Branch, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

INSTRUCTIONS: This form is to be used for oil applications for new registration, and use reregistration, amendment, resubmission, to opplications for notifications, final printed labeling, rerogistration, etc. In order to presess an application for a new registration submitted on this form, the following material must accompany the application:

- 1. Cortification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 lbl 141]:
- 2. Confidential Statement of Formulo (EPA Form 8570-41;
- 3. Formulator's Examption Statement IEPA Form 8570-271;
 4. Five copies of draft labeling:
- 5. Three copies of any data submitted;
- 6. Authorization letter where applicable;
- 7. Motrices where applicable.

Submission of Labeling - Labeling should first be submitted in the form of dreft labels with all applications for nevr registration. Such draft labels may be in the form of typed label text on 3.5 x 11 inch paper for submission or a mockup of the proposed label. If propared for mockup, it should be constructed in a way as to facilitate storage in on 8.5 x 11 inch file. Mackup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.

Submission of Date - Date submitted in support of this application must be submitted in accordance with PR Natice 86-5.

SPECIFIC INSTRUCTIONS: Please road the instructions listed below before completing this application. First determine the type of registre oction, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections 1, III, and IV must be completed by the applicant. For applications submitted in connection with emended reregistration actions, resubmissions, notifications, raregistrations, etc., Sections f. II, and IV must be completed by the applicant, Block A - Check the appropriate action for which you are submitting this form.

SECTION I - This section must be completed, as applicable, for all registration actions.

- 1. Company/Product Number Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrent, a distributor, or as on establishment. If your product in registered, insert the Product Number.
- 2. EPA Product Managor If known, fill in the name and PM number of the EPA Product Menager.
- 3. Proposed Classification . Specify the proposed classification of this product.

- 4. Product Name Enter the complete product name of this posticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brend name or company line designations.
- 5. Name and Address of Applicant The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behelf of another porty, you must submit authorization from that party to act for them in registration motters. An applicant not residing in the United States must have an authorized agent residing in the United States to oct for them in oil registration matters. The name and complete mailing address of such an agent must accompany this application.
- 6. Expedited Review FIFRA section 3 (c) 3 (B) provides for expedited review of epplications for registration, or amendments to existing registrate that are similar or identical to other posticide products that are currently registered with the EPA. In order for your application to be eligible si expedited raview, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identic your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of finel printed labeling, for reregistration and for any other action that portains to a specific EPA-registered product. This soction is not to be used for a new application for registration.

1. Subject of submission - Check the applicable black and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, post or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "goneral label revision of uso directions." Attach a separate page if additional space is meaded.

SEGTIGN: III (Peekaging and Container Information) - This Section must be completed for all applications submitted in connection with new rogistration or opplicable amandments.

- 1. Topic of Packaging . Theck the oppropriate block if your product will be pockaged in the indicated packaging types. Indicate the size of the individual packets and number per retail containsr.
- 2. Type of Ratail Container Indicate type of contoiner in which product will be marketed.
- 3. Lessing of Nat Contents Indicate the focation of the nat contents information for your product.
- 4. Size(s) of Retail Centainer Specify the net contents of all rateil containers for your product.
- 5. Location of Use Directions Indicate the location of the use directions for your product.
- 6. Manner in which tabal is offixed to product indicated the method product lebel is etteched to retail container.

SECTION IV (Contact Point) - This Section must be completed for all opplications for Registration actions, i.e., new products registration resubmission, "mo-toe," reregistration, otc.

- 1-5. Sell-explanatory.
- 6. EPA Use Only.

United States Environmental Protection Agency Washington, OC 20460 Formulator's Exemption Statement (40 CFR 152.85) Applicant's Name and Address Cardinal Chemical Company EPA File Symbol/Registration Number 5440-121 Product Name CARD-0-VAP 8 Oate of Confidential Statement of Formula (EPA Form 8570-4) 3/31/98

As an authorized representative of the applicant for registration of the product identified above, I hereby certify that:

- (1) This product contains the following active ingredient(s):
 - 2,2-dichlorovinyl dimethyl phosphate (Dichlorovos, DDVP)
- (2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the incorporation into the product (during formulation or packaging) of another product which contains that active ingredient, which is registered under FIFRA Section 3, and which is purchased by us from another producer.
- (3) Indicate by checking (A) or (B) below which paragraph applies:
- (A) An accurate Confidential Statement of Formula (EPA Form 8570-4) for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

- (B) The Confidential Statement of Formula (CSF) (EPA Form 8570-4) referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.
- (4) The following active ingredients in this product qualify for the formulator's exemption.

Active Ingredient Product Name Registration Number , 2-dichlorovinyl imethyl phosphate Dichlorovos, DDVP)
imethyl phosphate

61 K 30 7929



U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W.

Reregistration

<u>x</u> Registration

NOTICE OF PESTICIDE:

Washington, D.C. 20460

5440-121

EPA Reg. Number

Oate of Issuance:

Term of Issuance.

2 2 JAN 1997

Conditional

Name of Pesticide Product:

Cardinal Card-O-Vap 8

(under FIFRA, as amended)

Name and Address of Registrant (include 2)P Code):

Cardinal Chemical Company 1233 E. Beamer St. Suite G Woodland, CA 95776

Note: Changes in labeling differing in substance from that accepted in connection with thir regirtration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby tegistered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement of recommendation of thir product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in secondance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its ure if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

- Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
- The following label changes must be made to the label:
 - a. Révise the EPA Registration Number to read, 5440-121.
 - b. The precautionary statements state: "Poisonous if swallowed ... " This must be changed to "Fatal if swallowed.
 - c. The use sites must be moved to the front panel of the label.
 - d. Under Non-food/feed processing areas: "...maching rooms ... " must be changed to "... machine rooms ... "
 - e. Under the ingredients statements on the front page, the term "inert ingredients" should be footnoted (with an asterisk or other symbol) to state that the product contains petroleum distillates.

Signature of Approving Official;	Date:	

page 2 EPA Reg. No.

- f. Page 3, of the label states: "NOTE; USE PROHIBITED IN: ... (c) USDA Meat and Poultry Plants". This should be changed from "USDA Meat and Poultry Plants" to "Federally Inspected Meat and Poultry Plants". We regret sending you the incorrect statement previously.
- The dielectric breakdown point for 5440-RER must be submitted to the Agency, or, the following statement must be added to the label:

"Do not apply this product in or on electrical equipment due to the possibility of shock hazard."

- As the flashpoint of the product is 110 degrees F, the 4. statement "Do not use or store near heat or open flame "must be added to the front panel of the label under the heading Physical/Chemical Hazards.
- The following personal protective clothing must be added beneath the precautionary statements or directions for use.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options follow the instructions from category "C" of the EPA chemical resistance category selection chart in the Worker Protection Standard.

Applicators and other Handlers Must Wear:

-Coveralls over long-sleeved shirt and long pants

- -Chemical-resistant gloves such as Barrier Laminate, Butyl Rubber, Nitrile Rubber, Neoprene Rubber, Polyvinyl Chloride or
- -Chemical-resistant footwear plus socks

-Protective eyewear

-Chemical resistant headgear for overhead exposure

-Chemical resistant apron required for mixing/loading and cleaning equipment

Respirator with either an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TX-23C) or a canister approved for pesticides (MSHA/NIOSH approval number TC-14G)

-Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this Do not reuse them. concentrate. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washing, use detergent and hot water. Keep and wash PPE separately from other laundry.

The above respirator statement should replace the current statement.

6. Submit two copies of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

George T. LaRocca Product Manager (13) Insecticide-Rodenticide Branch Registration Division (7505C)

CARD-O-VAP 8

FOR SALE TO, USE AND STORAGE BY COMMERICAL AND INDUSTRIAL APPLICATORS ONLY

ACTIVE INGREDIENTS
2,2-dichlorovinyl dimethyl phosphate* (Dichlorves, DOVP)
7,44%
Rolaled Compounds
INERT INGREDIENTS
95,00%

TOTAL
* Equivalent to 5% Vapona tosoclicido

Contains Petroloum Oistillates

KEEP OUT OF REACH OF CHILDREN

DANGER



PELIGRO

POISON

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call o physician or Poison Control Canter immediately. Because of espiration potential, do not induce verniting unless under direct medical supervision. Do not induce verniting or give anything to en unconscious person. IF INHALEO: Remove ulctim to tresh air. Apply artificial respiration, if indicated. IF ON SKIN: Remove contaminated ciothing and wash offected areas with seap and water.

end water.

IF IN EYES: Flush eyes with plenty of water. Call a physician immediately.

ANTIDOTE AND FIRST AID TREATMENT: ATROPINE is the emergency entidate. CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING. Keep patient prone and quiet. Start artificial respiration if patient is not breathing. Transport the patient immediately to the nearest physician.

NOTE TO PHYSICIAN: SYMPTOMS: Symptoms include weakness, headache, with the proof of the patient of the patients.

breathing. Transport the patient immediately to the nearest physicist.

NOTE TO PHYSICIAN: SYMPTOMS: Symptoms include weakness, headache, tightness in chest, bitrred vision, non-reactive pin-point pupils, salivation, sweating, nausea, verniting, diarrhes and abdominal cramps. TREATMENT: Alrepine is the specific therapautic antagenist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, Atropine Sulfate should be injected at 10-minute intervals, in doses of 1 to 2 milligrams until complete Atrophization has occurred. 2-PAM is also antidotal and may be administered in conjunction with Atrepine. Morphine is contraindicated. Clear chest by postural drainage. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to vary small doses of any cholinesterase inhibitor. Allow no further exposure until time for cholinesterase regeneration has been allowed as determined by blood Iost.

See Side Panel For Additional Precautionary Stalements.

CARDINAL CHEMICAL COMPANY

1233 E. Boamer Street - Weodland, CA 95776

E.P.A. EST. NO. 5440-CA-1

E.P.A. REG. NO. 5440-RER

ACCEPTED with COMMENTS in EPA Letter Outed

/ 22 JAN 1997

Under the Ferieral Inserticide, Fungleide, and Rodenticide Act as anoused, for the pesticide registered under EPA Heg. No. 5440-121

PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS:

DANGER

POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN. REPEATED INHALATION OR SKIN CONTACT MAY WITHOUT SYMPTOMS, PROGRESSIVELY INCREASE SUSCEPTIBILITY TO DICHLORVOS (DDVP) POISONING, DO NOT SWALLOW OR GET IN EYES, ON SKIN OR ON CLOTHING. DO NOT BREATHE VAPORS. DO NOT CONTAMINATE FOOD OR FEED PRODUCTS. WEAR A PESTICIDE RESPIRATOR JOINTLY APPROVED BY THE MINE SAFETY AND HEALTH ADMINISTRATION AND BY THE NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH UNDER THE PROVISION OF 30 CFR PART 11.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposed of equipment washwaters. Apply this product only as specified on this label. Not for use or storage in or around the home.

DIRECTIONS FOR USE

Il is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate water, food or food by storage or disposet.

STORAGE: Store product in original container in a cook dry, locked place out of reach of children.

PESTICIDE DISPOSAL: Pesticide wester are acutely hazardous. Improper disposal of excess pesticide, apray mixture, or finsale is a vialation of Federal law. If these wastes cannot be disposed of by use according to abel instructions, conject your Stale Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the neorest EPA Regianal Office for guidance.

CONTAINER DISPOSAL. Melal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanilery landfil or by other procedures approved by state and local authorities. Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanilary landfil or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Directions For Use Continued, Column 3

<u>-</u>:

Directions For Use, Continued:

FOR USE IN COMMERCIAL APPLICATION EQUIPMENT: CONVENTIONAL OR ULV FOGGING EQUIPMENT, FOR USE IN WAREHOUSES, SILOS, BULK BINS AND FOOD/FEED PROCESSING, FOOD/FEED MANUFACTURING, HANDLING AND STORAGE PLANTS CONTAINING NON-PERISHABLE, PACKAGEO OR BAGGEO RAW OR PROCESSED FOOD/FEED COMMODITIES OR BULK RAW OR PROCESSED FOOD COMMODITIES.

For control of insects such as: Indian Meal Moth, Red Flour Beetle, Confused Flour Boetle, Sawtoothed Grain Beetle, Merchant Grain Beetle, Cigarette Beetle, Drugstore

Beetle, Granary Woovil.

The term "non-perishable" means any raw or processed food/feed not subject to rapid decay or deterioration that would render it unfit for consumption. Raw Commodities would include: Animal feed, cocoa beans, dried beans, grain crops, peanuts, soybeans and nut crops. Raw commodities do not include: eggs, milk, meat, poultry, fish, fresh fruits and vegetables. Processed food/feed would include: flour, sugar, cereals, packaged goods and crackers. Processed foodfood do not include: hermetically sealed foods or manufactured dairy products and other processed foodfood requiring freezing or refrigoration.

When used in food/feed processing, food/feed manufacturing, handling and storage areas: (a) Apply only during times when plant is not in operation and no food/feed products are exposed. If bulk, unpackaged food/feed are exposed, remove or cover before treatment begins. (b) Al food/feed processing surfaces should be covered during

treatment or thoroughly cleaned before using,
NOTE: USE IS PROHIBITEO IN: (a) The following foodfeed manufacturing NOTE; USE IS PROHIBITEO IN: (a) The following foodfeed manufacturing establish-ments: bollling plants (including wineries, breweries, soft drinks), frozen foodfeed (including pizza plants and to cream plants) excluding non-food manufacturing areas. (b) The following foodfeed processing establishments: meat, poultry and seafood slaughtering and/or packing plants (including edible fals and oils), frezan foodfeed plants (including fruit and vegetables), dairy product plants (including milk processing plants) excluding manufact processing plants) according milk processing plants) excluding non-food processing areas. (c). USDA Most and **Poultry Plants**

Non-Food/Feed Processing Areas: includes areas such as garbage rooms, lavatories, floor drains (to sewers entries and vestibules), offices, locker rooms, maching rooms, boiler rooms, garages, mop closets and storage (after canning or boiling).

All treatments should be made during the hours when buildings are unoccupied. Buildings treated should be closed and ventilation kept at a minimum during application. Lock all entrances and do not allow unprotocted workers to enter buildings during trealment. Place WARNING signs at all entrances stating: "THIS BUILDING SHOULD BE OPENED AND AIRED PRIOR TO REENTRY OF UNPROTECTED WORKERS. THIS BUILDING MUST NOT BE ENTERED WITHOUT PERSONAL PROTECTION EQUIPMENT FOR 24 HOURS: OR, UNTIL A DIRECT INDICATING SHORT TERM CONCENTRATION MONITORING DEVICE (e.g. a Orager Tube) INDICATES THAT THE DOVP AIR CONCENTRATION IS EQUAL TO, OR LESS THAN, 50% OF THE PEL (0.1ppm); AN AIR CONCENTRATION OF 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OF 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OF 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OF 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OF 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OF 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OF 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OF 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OR 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OR 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OR 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OR 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OR 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OR 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OR 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OR 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OR 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OR 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OR 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT CONCENTRATION OR 0.05 PPM OR DESCRIPTION OR 0.05 PPM OR DESCR PERSONAL PROTECTION EQUIPMENT. DO NOT ENTER PRIOR TO ____AM OR PM ON ___DIB__ WITHOUT PERSONAL PROTECTION EQUIPMENT UNLESS AIR CONCENTRATIONS OF DDVP ARE 50% OF THE PEL OR LESS."

DRUM HANDLING: Handle carefully to prevant damage and leakage. Open drums only when sal on end and under a centilated hood or when wearing on approved respirator and oppropriate protective cicthing. Open bungs slowly to release pressure.

APPLICATION: The rate of application should be between 1-2 grams of actual Vapona per 1,000 cubic feet or 1/2 to 1 ez. of squid per 1,000 cubic feel. Check amount in insecticide tank ar auxiliary tank before and after treatment to assure proper dosage has been applied.

Keep a minimum of a 7 day interval between applications except on cocoa beans and raw (unshelled) peanuls where daily applications do not exceed 0.5 grams At. per 1,000 cubic feat of head space.

Do not make applications when temperatures are below 60 degrees F.

STATEMENT OF WARRANTY AND LIABILITY Seller warrants that this product complies with the specifications expressed in this label. SELLER MAKES NO OTHER WARRANTIES; AND DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR THE INTENDED PURPOSE. Seller's Eability for dolauli, breach or follure under this label shall be limited to the amount of the purchase price. Seller shall have no lability for consequential damages.

June, 1996



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

12 FEB 1997

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Mr. Stan Iversen Cardinal Chemical Company 1233 E. Beamer Street, Suite G Woodland, CA 95776

Subject: Follow up to Notice of Registration

Card-O-Vap 8

Reg. No. 5440-121

Dear Mr. Iversen:

It has come to our attention that the percentages of active and inert ingredients in the ingredient statement exceeds 100%. Revise the total percentage of inert ingredients to 92% so that the total equals 100%. Submit 2 copies of corrected labeling.

Sincerely yours,

George T. LaRocca Product Manager (13) Insecticide-Rodenticide Branch Registration Division (7505C) HE- corners - JH

Plassa read in:	structions on re	everse before complet	ting form.			Form Appr	oved,	OMB No. 20	70-006	O. Approvel expire	05-31-98
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Stan	Iversen			6/	5/17/96						· ,^w

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to everage 0.85 hour per response, including time for reviewing instructions, searching existing date sources, gathering and maintaining the date needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or only other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Woshington, DC 20460.

INSTRUCTIONS: This form is to be used far all applications for new registration, and use reregistration, amondment, resubmission, to applications for neutilications, final printed febeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

- 1. Cartification with Respect to Citation of Date (EPA Form 8570-29). (If not exampted by 40 CFR 152.81 (b) (4)];
- 2. Confidential Statement of Formula (EPA Form 8570-4);
- 3. Formulator's Exemption Stotomont (EPA Form 8570-27);
- 4. Five copies of droft labeling;
- 5. Three copies of any data submitted;
- 6. Authorization latter where applicable;
- 7. Matricos where epplicoble.

Submission of Lobeling - Lobeling should first be submitted in the form of dreft labels with all applications for new registration. Such dreft labels may be in the form of typed label, if prepared for mackup, it should be constructed in a way as to facilitate storage in an 8.5 x 11 inch file. Mackup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.

Submission of Dato - Date submitted in support of this application must be submitted in accordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please resd the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended reregistrations, resubmissions, notifications, reregistrations, otc., Sections I, II, and IV must be completed by the applicant.

Block A - Check the appropriate action for which you are submitting this form.

SECTION 1 - This section must be completed, as applicable, for all registration actions.

- 1. Compony/Product Number Insert your Compony Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
- 2. EPA Product Manager If known, fill in the nome and PM number of the EPA Product Manager.
- 3. Proposed Classification Specify the proposed classification of this product.
- 4. Product Name Enter the complete product name of this posticide as it will oppoor on the lobel. The name must be specific to this product only. Outlication of names is not parmitted among products of the same company. Do not include any brand name or company line designations.
- 5. Name and Address of Applicant The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are octing in belief of another party, you must submit authorization from that perty to act for them in registration motters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete molling address of such an agent must accompany this application.
- 6. Expedited Review FIFRA section 3 to) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other posticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed lobeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. Subject of submission - Check the applicable block and provide the Agency letter data if appropriate. Provide a brief explanation of the purpose(s) for the Submission, such as "the addition of a site, past or crop (specify)"; "omend the Confidentia) Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

SECTION III (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

- 1. Type of Packeging Chock the appropriate block if your product will be peckeged in the indicated peckeging types. Indicate the size of the individual packets and number per retail container.
- 2. Type of Retall Container Indicate type of container in which product will be marketed.
- 3. Location of Nat Contants Indicate the location of the nat contents information for your product.
- 4. Sizels of Retail Contoiner Specify the net contents of all rotal conteiners for your product.
- 5. Location of Use Directions Indicate the location of the use directions for your product.
- 6. Manner in which febel is offixed to product Indicated the method product label is ottached to retail container.

SECTION IV (Contect Point) - This Section must be completed for all applications for Registration actions, i.e., now products registration, resubmission, "mo-too," reregistration, etc.

- 1-5. Solf-explanatory.
- 6. EPA Use Only.

*Pleaso read instructions on reverse bei	ore com ng form.	Form Approvs	JMB No. 2070-0060	. Approval expires 2-28-95				
SEPA Enviro	United States nmental Protection Ag Washington, DC 20460	ency	Registration Amendment Other	OPP Identifier Number				
	Application for	Pesticide - Section	ł	<u> </u>				
1. Company/Product Number 5440- RFR		2. EPA Product Monager G. LaRocca (PM	13) 3. Pro	posed Classification				
4. Compony/Product (Nome) CARD-O-VAP 8		PM# 13		None Restricted				
5. Name and Address of Applicant fine Cardinal Chemical Comp. 1233 E. Beamer Streat, Woodland, CA 95776	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No.							
Check if this is a new t	address	Product Name						
	Se	ction - II						
Amendment - Explain below. Resubmission in response to Ag Notification - Explain below.	pency letter dated	Finel printed lebel Agency letter dat "Me Too" Applies X Other - Explain be	ed ition.					
Explanation: Use additional page(s) if nacessary. (For section I and Section II.) See accached								
	Se	ction - III						
1. Moterial This Product Will Be Pecke	ged In:							
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Section - IV								
t. Contact Point (Complete items dira	ctly below for Identification of inc	ividual to be contocted, if nec						
Name Jarry Fisher	Title	lanager	Talaphone (408)	P.No. (Include Aree Code)				
Certification 1 certify that the statements I have made an this form and all statements thereto are true, accurate and complate. 1 ecknowledge that ony knowingly false or misleading statement may be punishable by fine or imprisonment or (Stamped)								
2. Signoture	ishe	lanager						
4. Typod Nomor V Jamey Fisher	5. Dato	1, 16793						



June 17, 1996

PROTECTING THE FOODS THAT FEED THE NATION

1933 E. Beamer St. Suite G Woodland, CA 95776 (916) 666-1288 (800) 715-1777

Mr. George LaRocca (PM 13) EPA Registration Division (7505C) Document Processing Desk (Amend) Room 258 Crystal Mall 2 1921 Jeferson Davis Highway Arlington, Virginia 22202

Re: Cardinal Card-O-Vap 5 EPA File Symbol 5440-REN Cardinal Card-O-Vap 8 EPA File Symbol 5440-RER

Dear Mr. LaRocca:

In response to your letter of May 22, 1996, the following revisions have been made to the above listed labels.

- Under the "Hazards to Humans and Domestic Animals" section, the following has been added, ""Danger. Poisonous if swallowed, inhaled or absorbed through the skin. Rapidly absorbed through the skin. Repeated inhalation or skin contact may without symptoms, progressively increase susceptibility to DICHLORVOS (DDVP) poisoning. Do not swallow or get in eyes, or skin or on clothing. Do not breathe vapors. Do not contaminate food or feed products."
- 2. The common name "Dichlorvos" has been added to the chemical name in the ingredient statement.
- 3. Under "Directions For Use" the following statements have been added: "Keep a minimum of a 7 day interval between applications except on cocoa beans and raw (unshelled) peanuts where daily applications do not exceed 0.5 grams A.I. per 1,000 cubic feet of head space. Do not make applications when temperatures are below 60 degrees F.
- 4. The use sites listed on have been added in the "Directions for Use" section.
- 5. The following statement under "Environmental Hazards" has been added, "This product is toxic to fish, birds, and other wildlife." The word, "washwaters" has been added to the following statement, "Do not contaminate water by cleaning of equipment or disposal of equipment washwaters."

Product ingredient source information may be entitled to confidential treatment *Inert ingredient information may be entitled to confidential treatment* 6. The list of sites in non-food manufacturing and processing areas has been expanded to include the sites listed on the 7. The statement has been added, "Not for Use in USDA Meat and Poultry Plants." 8 The statement has been added in the Directions For Use section, "For Use in Commercial Application Equipment: Conventional or ULV Fogging Equipment," which is listed on the approved technical label (EPA Regis. No. 5481-96). 9. A list has been added in the section, "Directions For Use". 10. The building posting requirement statement has been revised to comply with The site reference "Institutional" on the front panel has been deleted. 11. 12. Since the purpose of the amendment submissions was to eliminate the ingredient , the Confidental Statements of Formulas which accompanied the as an active or inactive ingredient. A submissions did not list revised CSF for a basic rather than alternate formulation for the product Card-O-Vap 5 is attached (EPA File Symbol 5440-REN). A copy of the submission for CARD-O-Vap 8 (EPA File Symbol 5440-RER) dated 13. November 11, 1995 is attached. (Please Note: Card-O-Vap 8 was not a "Me Too" submission).

I hope these revisions satisfy the department. If you have any questions, please call as soon as

Stan Iversen Product Manager

S1:bmc

possible (408) 637-0195.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

1605503953

2 1 MAY 1996

Mr. Jerry Fisher Cardinal Chemical Company 1233 E. Beamer St. Suite G Woodland, CA 95776

Dear Mr. Fisher:

Subject: Registration Application

Cardinal Card-O-Vap 5 EPA File Symbol 5440-REN

Card-O-Vap 8

EPA File Symbol 5440-RER

Your Submissions Dated October 5, 1994; August 2 and November 1, 1995 for 5440-REN; and November 16, 1995 for

5440-RER

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is not acceptable for the reasons given below:

- 1. Under Hazards to Humans and Domestic Animals: "Danger. Poisonous if swallowed, inhaled or absorbed through the skin. Rapidly absorbed through the skin. Repeated inhalation or skin contact may without symptoms, progressively increase susceptibility to DICHLORVOS (DDVP) poisoning. Do not swallow or get in eyes, on skin or on clothing. Do not breathe vapors. Do not contaminate food or feed products."
- 2. Add the common name "Dichlorvos" to the chemical name in the ingredient statement.
- 3. Under Directions for Use add the following: "Keep a minimum of a 7 dy interval between applications except on cocoa beans and raw (unshelled) peanuts where daily applications do not exceed 0.5 grams A.I. per 1,00 cubic feet of head space. Do not make applications when temperatures are below 60F.

4. You must describe the intended use sites for your product on the front labeling. For example, your reference product's labeling lists the following, "For use in

FPA Form 1320-1A (1/90)			Printed on Decycles		<u> </u>	OFFICI	AL MIE COPY
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- 5. Under Environmental Hazards add "This product is toxic to fish, birds, and other wildlife." and revise the sentence to read as follows: "Do not contaminate water by cleaning or equipment or disposal of equipment washwaters."
- 6. Under "Note; Use is prohibited in:..." you must expand the comment "..excluding non-food processing areas" by providing directions for use and identifying sites in non-food manufacturing and processing areas. Alternatively you can delete phrase which means the product cannot be used at all in these plants (see DDVP technical label, enclosed).
- 7. Use in food-handling establishments can imply use in U.S. Department of Agriculture (USDA) Meat and Poultry Plants. Therefore, either add the statement "Not for Use in USDA Meat and Poultry Plants," or submit an application to USDA requesting use in these areas. If granted you can then indicate on the label that the product can be used in these areas.
- Under directions for use you state "For OR ULV Space Spray. What other method of application are you using besides ULV fogging?
- 9. Under Directions identify what pests you are controlling, i.e., "For use in the control of exposed stages of stored products insects infesting warehouses, silos, bulk bins and ...etc."
- (10. Revise the building posting requirement as it appears on the latest labeling for Amvac's Technical Product EPA Registration No. 5481-96 (see page 5 of label, enclosed).
- /11. There are not institutional sites on your label nor appropriate directions for use. Thus delete "institutional" on the front panel.



13. (The following only applies to 5440-RER): Your Me-Too reference product, MAX Kill Vapo-Cide, EPA Registration No. 2548-71 contains 5% DDVP. The proposed product contains 8% DDVP. A reference product must be similar/identical in both composition and labeling to the subject product. You must cite another reference product which meets this criteria.

Please respond within 75 days from the date of this letter stating your intentions to comply with the information/data requests cited above. If no resubmission is received during the 75 day period, the application will be administratively withdrawn.

Sincerely yours,

George T. LaRocca Product Manager (13) Insecticide-Rodenticide Branch Registration Division (7505C)



PROTECTING THE FOODS THAT FEED THE NATION

1233 E. Beamer St. Suite G Woodland, CA 95776 (916) 666-1288 (800) 715-1777

November 16, 1995

Mr. G. LaRocca (PM 13) Office of Pesticide Programs Room 266A, Crystal Mall 2 1921 Jefferson Davis Hwy Arlington, VA 22202

OPP Identifier Number 234372

Dear Mr. LaRocca:

We are requesting registration of the product CARD-O-VAP 8 for the following reason:

Since formulations containing will not be available after December 1995, Cardinal Chemical is requesting approval of an alternate formulation containing the following EPA approved ingredients: 8% Vapona; which has been approved for use by the EPA in Cardinal 5% Vapona (EPA Regis. No. 5440-114); and classified under EPA's Code of Federal Regulations Title 40, section 180.1001 as an inert ingredient exempt from the requirement of a residue tolerance for pesticides (data attached). With this formulation, the application rate customarily used in the industry will remain the same: 1-2 gms of actual Vapona per 1,000 cu.ft. or ½ to 1 fluid ounce of liquid per 1,000 cu.ft.

Due to the December 1995 deadline, we request your immediate approval of this formulation.

Sincerely,

j́erry Fisher

Manager

JF:bmc

AN/ET

Please read instructions on r	everse before completing	form.		Form App	roved.	OMB No. 2	070-0060	Approval expires 2-28-95		
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1. Company/Product Number 5440-RER			G.	roduct Moni LaRocca		13)		posed Clossification		
4. Company/Product iNemei CARD-0-VAP 8			PM# 13							
5. Nome and Address of Applicant (Include ZIP Code) Cardinal Chemical Company 1233 E. Beamer Street, Suite G Woodland, CA 95776 Chock if this is a new address			(b)(i), m to: EPA R Produ	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 556771 Sphul-19-76 Product Name Max Ref.						
			Section - I	<u> </u>						
Amandment - Explain below. Resubmission in response to Agency letter deted Notification - Explain below.				Final printed Agency lett "Mo Too" A Other - Exp	ar date Applica	ition,	to			
Explanation: Use additional pagais) if necessary. IFor section I and Section II.) See attached										
	***************************************	<u> </u>	Section - I]						
1. Material This Product Will	Be Packaged In:									
Child-Resistant Peckeging Yes" X No * Certification must tubmitted			Wotor Soluble P Yos No If "Yes" Packago wgt	No. por	r	2. Type of (XXX	Contolner Motol Plostic Gloss Paper Other IS	Spacify)		
3. Location of Not Contents Lebel		. Sizo(s) Ratoil 1, 5, 30,	Contoiner 55 gallon		5. Lo	cotion of Leb On Lebel On Lebel		ons opanying product		
6. Monner in Which Label is	Affixed to Product	Lithograp Poper glu Stenciled	ph uad i	Otho	r					
			Section - I'	V						
1. Contact Point (Complete	items directly below for	identification (of Individual to b	e contacted,	й пос	essary, to pro				
Nome Jerry Fisher		Ti	Manager					e No. (Include Aree Code) 637-0195		
I cortify that the statements I have made on this form and all attachments thereto are true, occurate and complete.						6. Doto Application Received (Stamped)				
2. Signeturo	L' Leshe	·	Titlo Manager	anager				•		
4. Typed/Mome () Jerry Fisher		5.	Dato 11/16/9:	1/16/95						

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS.

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to overage 0.85 hour per response, including time for teviawing instructions, searching existing date sources, gethering and maintaining the date needed, and completing and reviewing flue collection of information. Send comments regarding the burden estimate or any other espect of this collection of information, including suggestions for reducing this burden, to Chief, information Policy Brench, 121361, U.S. Environmental Protestion Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Woshington, DC 20503.

INSTRUCTIONS: This form is to be used for all applications for new registration, and use reregistration, emendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must occompany the application:

- 1. Certification with Respect to Citation of Doto (EPA Form 8570-29), [If not exempted by 40 CFR 152.81 [b] [4][;
- 2. Confidential Statement of Formula IEPA Form 8570-41;
- 3. Formulator's Exemption Statement IEPA Form 8570-27);
- 4. Five copies of droft labeling;
- 5. Three copies of any dota submitted;
- 6. Authorization letter where applicable;
- 7. Matricos whore applicable.

Submission of Labeling - Labeling should first be submitted in the form of droft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper for submission or a mockup of the proposed label. If prepared for mockup, it should be constructed in a way as to facilitate storage in an 8.5 x 11 inch file. Mockup isbels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.

Submission of Data - Data submitted in support of this application must be submitted in occordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before complating this application. First determine the type of tegistration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections 1, III, and IV must be complated by the applicant. For applications submitted in connection with a operation actions, resubmissions, notifications, resubmissions, notifications, recognistrations, otc., Sections 1, II, and IV must be complated by the applicant.

Block A - Check the appropriate action for which you are submitting this form.

SECTION 1 - This section must be completed, as applicable, for all tegistration actions.

- t. Company/Product Number insert your Company Number, if one has been essigned by EPA. This number may have been essigned to you as o basic registerent, a distributor, or as an establishment. If your product is registered, insert the Product Number.
- 2. EPA Product Managor If known, fill in the name and PM number of the EPA Product Managor.
- 3. Proposed Classification Specify the proposed classification of this product.
- 4. Product Name Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only, Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
- 5. Name and Address of Applicant The name of the firm or porson and address shown in your application is the parson or firm to whom the registration will be issued. If you are acting in bohelf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an outhorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
- g. Expedited Review FIFRA section 3 (c) 3 (B) provides for expedited review of applications for ragistration, or amendments to existing registrations, that are similar or identical to other posticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product nome of the product you believe is similar to or identical your product. The product must be similar or identical in both formulation and lebeled uses.

SECTION II - This section must be completed for all applications submitted to amond the registration only of a currently togistered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for toregistration and for any other action that partains to a specific SPA-registered product. This section is not to be used for a new application for registration.

1. Subject of submission - Chock the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purposalst for the submission, such as "the addition of a site, post or crop |specify|"; "smood the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

SECTION III (Packaging and Conteinor Information) - This Section must be completed for all applications submitted in connection with new recistration or applicable amendments.

- 1. Type of Packaging Sheck the appropriate black if your product will be peckeged in the Indicated packaging types. Indicate the size of the individual packets and number per retail container.
- 2. Type of Rotail Contoiner Indess (VDe of contoiner in which product will be motheted.
- 3. Location of Net Contagts Indicate the location of the not contents information for your product.
- 4. Size(s) of Reteil Centamer Specify the net contants of all reteil containers for your product.
- 5. Location of Use Directions Indicate the location of the use directions for your product.
- 6. Manner in which labels affixed to product indicated the method product lebel is attached to retail container.

SECTION IV (Consect Roint) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-lea, a diregistration, etc.

- 1-5. Self-explenetavy. ...
- 6. EPA Use DnIV. ..

United States Environmental Protection Agency Washington, DC 20460

EPA Certification with Respect to Citation of Data

Form Approved OMB No. 2070-0060 Approval Expires 11-30-93

Applicants Namo and Addross Cardinal Chemical Company	EPA Filo Symbol/Registration Number 5440- REP
1233 E. Beamer Street, Suite G Woodland, CA 95776	Product Name CARD-O-VAP 8
	Data af Application 11/15/95

NOTE: If your product is a 100% repackaging of another EPA-registered product that you purchase, and is labeled for the same uses, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

- 1. This application is supported by all data submitted or cited in the application. In addition, if cite-all options are indicated, this application is supported by all data in the Agency's files that concern the properties or effects of this product that is identical or substantially similar, and that is one of the types of data that would be required to be submitted if this application sought the initial registration of a product of identical or similar composition and intended uses under the data requirements in effect on the date of apropval of this application. (Check the appropriate boxes, in items 2 and 3 below, that pertain to your application.)
- 2. I certify that, for each study cited in support of this application for registration that is an exclusive use study,
 - I am the original submitter*; or
 - I have obtained the written permission of the original data submitter to cite that study.
- 3. I certify that, for each study cited in support of this application for registration that is not an exclusive use study:
 - a. | I am the original data submitter*; or
 - [I have obtained the written permission of the original data submitter to cite that study*: or
 - b. |x| I have notified in writing the companies that have submitted data I have cited to support this application and have offered to: (a) Pay compensation for those data in accordance with section 3(c)(1)(D) and 3(c)(2)(D) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA); and (b) Commence negotiations to determine which data are subject to the compensation requirement of FIFRA and the amount and terms of compensation due, if any. The companies I have notified are: (Check one)
 - |X| All companies listed on the Pesticide Data Submitters List for all active ingredients contained in my product (cite-all method or cite-all option under Selective Method*). (Also, sign the General Offer Statement below.)
 - Those companies that have submitted the studies which I have cited (Selective method*).
 - * A Data Matrix identifying these studies is attached. (Note: a Data Matrix is not required under the cite-all method.)

Signature	Name and Title	Date	<u></u>				
fring Lon	Jerry Fisher	11/15/95	•				
General Offer to Pay: I hereby offer and agree to pay compensation to other persons, with regard to the approval of this application, to the extent required.							
Signature	Name and Title	Date					
Jerre Lestre	Jerry Fisher	11/15/95	• • • • • • • • • • • • • • • • • • • •				
EPA/Form 8570-29 (Rav-7-91)			••				

Paperwork Reduction Act Notice

Public reporting burden for this collection of information is estimated to 1.0 hours per response, including time for reviewing instructions, certifying the existence of the appropriate data, and completing and mailing this form. Send comments regarding the burden estimate or any other aspect of this certification process including suggestions for reducing the burden to:

Chief, Information Policy Branch, PM-223 U.S. Environmental Protection Agency 401 M Street, S.W. Washington, DC 20460

and to

Office of Management and Budget Paperwork Reduction Project (2070-0060) Washington, DC 20503 &EPA

United States Environmental Protection Agency Washington, DC 20460

Formulator's Exemption Statement (40 CFR 152.85)

Form Approved OMB No. 2070-0060 Approval expires 9-30-90

Applicant's Name and Address

Cardinal Chemical Company 1233 E. Beamer Street, Suite G Woodland, CA 95776 EPA File Symbol/Registration Number 5440− RER

Product Name CARD-O-VAP 8

Date of Confidential Statement of Formula (EPA Form 8570-4) 11/15/95

As an authorized representative of the applicant for registration of the product identified above, I hereby certify that:

- (1) This product contains the following active ingredient(s):
 - 2,2-dichlorovinyl dimethyl phosphate (Dichlorovos, DDVP)
- (2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the incorporation into the product (during formulation or packaging) of another product which contains that active ingredient, which is registered under FIFRA Section 3, and which is purchased by us from another producer.
- (3) Indicate by checking (A) or (B) below which paragraph applies:
- (A) An accurate Confidential Statement of Formula (EPA Form 8570-4) for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

- (B) The Confidential Statement of Formula (CSF) (EPA Form 8570-4) referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.
- (4) The following active ingredients in this product qualify for the formulator's exemption.

	Source		
Active Ingredient	Product Name	Registration Numbor	
2,2-dichlorovinyl dimethyl phosphate (Dichlorovos, DDVP)			
		·····	
Levy Elstin	Name and Title Jerry Fisher, Manager	Date 11/15/95 ••••	
EPA Form 8570-27 (10-86)		• •	

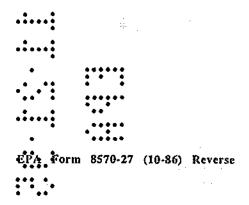
Paperwork Reduction Act Notice

The public reporting burden for this collection of information is estimated to average 1.5 hours per response, including familiarization with the form, organizing the necessary information, and completing the form. Send any comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to:

Chief, Information Policy Branch, PM-223 U.S. Environmental Protection Agency 401 M Street, S.W. Washington, DC 20460

and to

Office of Management and Budget
Paperwork Reduction Project (2070-0060)
Washington, DC 20503



PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS:

DANGER CONCENTRATE IS POISONOUS

IF SWALLOWED, INNALEO OR ABSORBED THROUGH SKIN OR EYES, DO NOT GET ON SKIN OR IN EYES.
OO NOT BREATHE FUMES,
WEAR A PESTICIOE RESPIRATOR JOINTLY APPROVED BY THE MINE SAFETY AND HEALTH ADMINISTRATION AND BY THE HATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH UNDER THE PROVISION OF 30 CFR PART 11.

ENVIRONMENTAL HAZARDS

Keep out of any body of water. Da not contaminate water by cleaning of equipment or disposal of wastes. Apply this productionly as specified on this label.

Not for use or storage to or around the home.

DIRECTIONS FOR USE

It is a violation of Foderal law to use this product in a manner incompotent with 1's labeling. FOR USE PARY IN COLUMNERCIAL APPLICATION ECULPWENT SUCH AS CONVENTIONAL OR LAVY DOGSING ECULPVENT

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by sterage or disposel

STORAGE: Slore product in original sontainer in a cool, dry, locked place out of reach of children.

PÉSTICIOÉ DISPOSAL: Pesticide westes are acutely harardous, Improper disposal of access pesticite, spray inture, or insale is a violation of Foderal law. Il these wattes cannot be disposed of by uso according to label instructions, centact your State Pesticide of Emisconential

Control Agency, or the Hictardous Waste representative at the nearest EPA Regional Diffice for guidence.

COHTANIER DISPOSAL: (hickel) Triple rince (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a canitary sendid, or by other procedures approved by state and local subholies, (Plastic) Triple rince (or equivalent). Then offer for recyr farger reconditioning, or puncture and dispose of is a sanitary tancital or incineration, or, if allowed by State and

local authorities, by burning. If purned, stay out of smake.

Directions Continued, Column 8

CARD-O-VAP-8

FOR SALE TO, USE AND STORAGE BY COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL APPLICATORS ONLY

ACTIVE HIGREDIENTS
2,2-dichloroving dimethyl phosphale*
Related Compounds
INER* INCREDIENTS

7.44% 0.56% 95.00% 100.00%

* Equivalent to 5% Vapona Insecticide Contains Potreteura Distillates

KEEP OUT OF REACH OF CHILDREN

DANGER



PELIGRO

STATEMENT OF PRACTICAL TREATMENT

IF SWALLDWEO; Call a physicias or Poison Control Center immediately. Because of aspitation potential, do not induce wonding unless under direct medical supervision. Do not induce verning or give anything to on unconscious person. IF II/HALED; Remove victim to tresh et. Apply enticial respiration, if indicated. If DII SKIN; Remove conteminated ciothing and wash affected group with cooperations.

of the EYES: Flush eyes with pixely of water. Call a physician immediately of infation persists.

ANTIDOTE AND FIRST AID TREATMENT: ATROPHIE is the emergency antidote. CALL a PHYSICIAN BUILDINTERY BY ALL CASES OF SUSPECTED POISOINNO. Keep patient prope and quies. Sunt artificial respiration if patient is not breathing. Transport the patient invasional to the nearest physician.

NDTE TO PHYSIGIAN: SYMPIOMS: Sympioms includu weakness, headacho, lightness in chest, plured vision, non-reactive pin-point public, salvation, sweakng, aussea, voming, districte and adderninal cramps. IREAINEMT, Autopine is the specific flaggagenet of choice against parasympathetic nervous stimulation. Refere see signs of parasympathetic stimulation, Airopine Sullate stimulation for the property of the stimulation of the property of the stimulation and complete Airopinesticin real experience. APAM is also anticold and may be administered in confunction with Airopine. Morphimo is contrainciated. Clear chest by postural drainage. Observe pation! confunction for the hours. Repeated exposure to the contrainciant of the contrainciant of the contrainciant of the contrained of the c

See This Panes For Authoral Presoutionary Statements.

CARDINAL CHEMICAL COMPANY 1233 E. Bopmer Street , Suito G - Woodland, CA 95776

E.P.A. EST. NO. \$440-CA-1

E.P.A. REG. NO. 5440-

Directions For Use, Continued:

FOR OR ULV SPACE SPRAY - FDOD CR NON-FDOD AREAS: For use in warehouses, sixs, but bits and food processing, food manefacturing, handling and statege plans containing non-periabable, packaged or bagged our or processed food commodities or bulk taw or processed food commodities.

The term "non-perishable" means any raw or processed food not subject to rapid decay or deterioration that would sonder a until for consumption. Raw Commodities would include, but are not limited to: Animal lead, occas beans, dired beans, dried full, grain crops, peanuls, soybeans and nut crops. Bayetemmerchies, co., pol., insheris, eggs, mik, meat, poutry, Ich, Iresh fruits and uegotables. Processed leads, would include, but are not limited to four, cugar, coreats, pacification and crackers. Processed foods go_not include: hermaticaty sasked toods or manufactured doiny products and other processed foods requiring freeding or certification.

When used in food processing, food manufacturing, handing and storage orders open and quinty limes when plant is not in operation and no processed food products are exposed. If bux, unpackaged processed foods are exposed, ramove or cover before treatment pagins. All food processing surfaces should be covered during treatment or thoroughly cleaned before using.

NDTE: USE IS FRORIBITED IN: The leliphing food manufacturing stablishments: bolding plants (including whates, browers, soft crists), leven food (including whates) browers, soft crists), leven food (including plants and ice cream plants) escluding non-food manufacturing oreas. The leliphing food processing catalishments; meal, popility and septend staughtering and/or packing plants (including edible late and day, from food plants (including little and vegstables), delive product plants including mix processing plants) excluding non-food processing areas.

DRUM HAHDUHG: Handle carefully to prevent damage and leakage. Open drums only when set on end and under a unitabled thood or when wasting an approved resplater and appropriate protective ciething. Open bungs slowly to roleaso pressoro.

The rate of application should be between 1-2 grams of actual Vapona per 1,000 cubic field or 1/2 to 1 faird cunco of liquid per 1,000 cubic feet. Check amount in insecticide tank or auxiliary tank before and after treatment to assure proper desage has bess applied.

Treatment should be made curing the focus when buildings are unoccupied. Buildings treated should be obserd and vertilation kept at a minimum during application of the insections. Lock all enhances and do not allow unprotected workers to safer buildings while being treated. Place Caution Signs at all enhances stating: This building should be opened and also prior to receive a unprotected workers or remain unoccupied by unprotected workers or remain unoccupied by unprotected workers for all least 6 focus affor treatment. Do not enter prior to _________obook, date_________ without protection.

STATEMENT OF WARRANTY AND LIABILITYSelbi warrants that this product complets with the
specifications expressed in this block. SELLER LIAKES IKO
OTHER WARRANTIES; AND DISCLAMAS ALL OTHER
WARRANTIES, EXPRESS OR MAPIEO, INCLUDING BUT
HOT LIMITED TO WARRANTIES OF MERCHANTABLITY
AND FITHESS FOR THE RITENDED PURPOSE. Select
Solidity for celauly breach or falure under this label shall be
limited to the amount of the purchase price. Select shall have
no Exhibity for consequential damages.

November, 1995

Pages 75-85

Product ingredient source information may be entitled to confidential treatment
Inert ingredient information may be entitled to confidential treatment

Pages 86-105 - *Confidential States	ments of Formula ma	ay be entitled to confi	dential treatment*